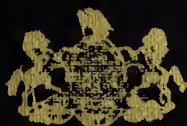


**COMMONWEALTH of PENNSYLVANIA**  
**DEPARTMENT of MINES and MINERAL INDUSTRIES**



**Anthracite Division**

**1966**

***Annual Report***

**Harrisburg, Pennsylvania**

**RAYMOND P. SHAFER**

**Governor**

**H. B. CHARMBURY**

**Secretary of Mines and Mineral Industries**







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COMMONWEALTH OF PENNSYLVANIA

RAYMOND P. SHAFER

Governor



DEPARTMENT of MINES and MINERAL INDUSTRIES

H. B. CHARMBURY

Secretary

ANTHRACITE DIVISION

**1966**

ANNUAL REPORT

Harrisburg

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COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MINES AND  
MINERAL INDUSTRIES  
HARRISBURG

H. B. CHARMBURY  
THE SECRETARY

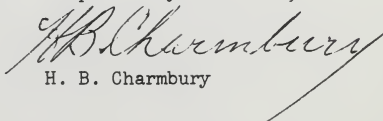
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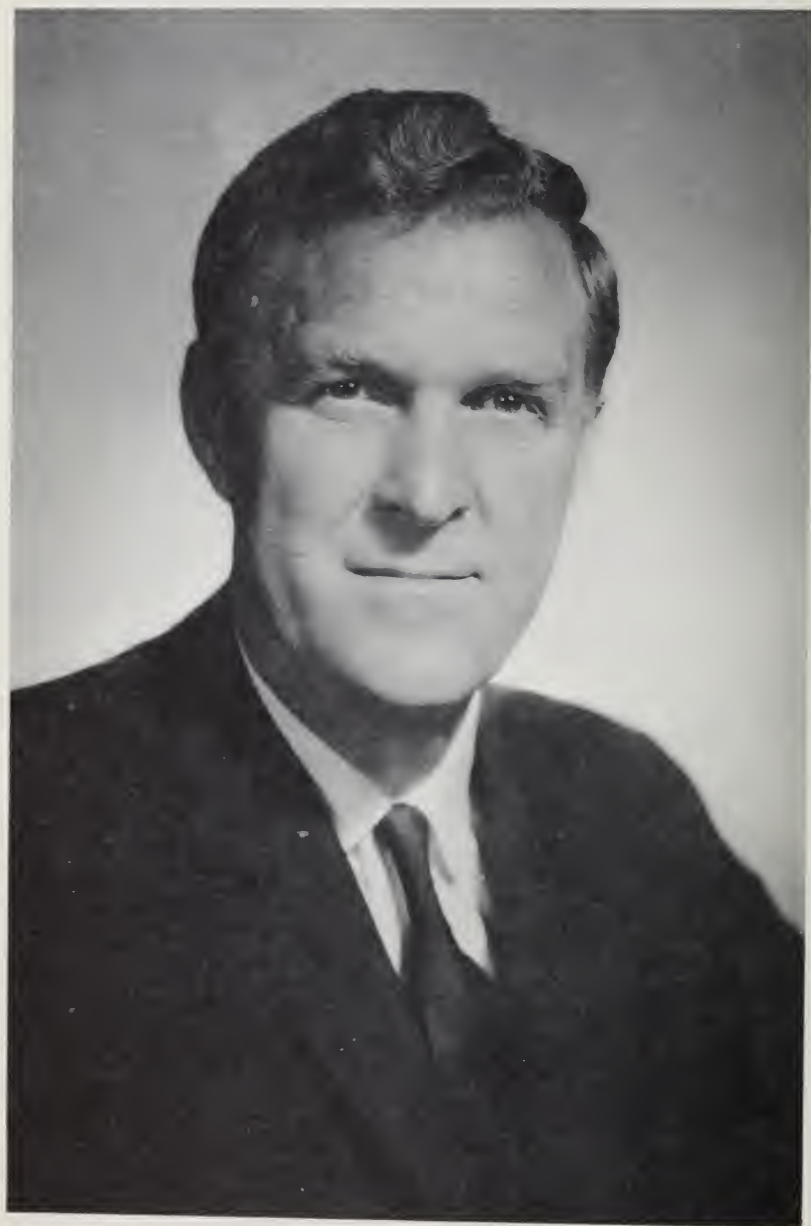
The Honorable Raymond P. Shafer  
Governor  
Commonwealth of Pennsylvania  
Harrisburg, Pennsylvania

Dear Governor Shafer:

In compliance with the Act of April 14,  
1903, I transmit herewith the Report of the Depart-  
ment of Mines and Mineral Industries for the year  
ending December 31, 1966, covering in detail the  
operations in the Anthracite Division of Pennsyl-  
vania.

Respectfully submitted,

  
H. B. Charmbury





RAYMOND PHILIP SHAFER  
GOVERNOR, COMMONWEALTH OF PENNSYLVANIA

Pennsylvania's Governor Raymond Philip Shafer was born March 5, 1917, in New Castle, Pennsylvania, and raised in Meadville where he attended the public schools. At his high school commencement in 1934 he proved that a star basketball player could be class valedictorian.

His athletic-academic abilities were displayed on a greater scale at Allegheny College. A political science major, he made Phi Beta Kappa, won nine varsity letters (basketball, soccer and track), was class president each year and was the student body president in his senior year.

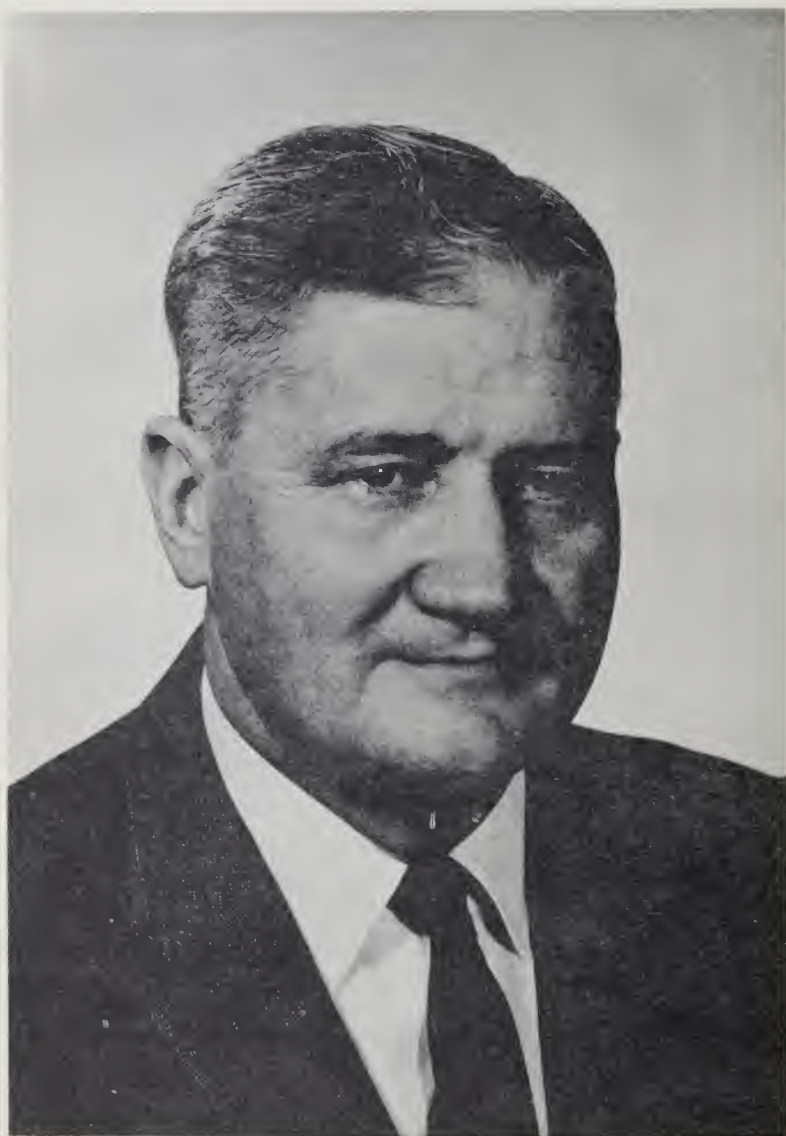
After graduation in 1938 he went to Yale Law School. Members of his law fraternity included future Governor Scranton, two future U. S. Supreme Court Justices (Stewart and White), a future U. S. Senator (Dominick, Colorado), future author (Walter S. Lord) and others who made their mark on the national scene. LIFE magazine in 1966 reprinted this extraordinary group's portrait taken in 1940. Shafer had then become Lieutenant Governor of Pennsylvania and was the Republican nominee for Governor.

After getting his law degree in June 1941, Shafer, the following month, married his college sweetheart, Jane Harris Davies of Pittsburgh. In August the couple moved to New York City where Shafer was associated with Secretary of War Stimson's law firm (Winthrop, Stimson, Putnam and Roberts). In 1942 he was commissioned an ensign in the Navy. Before returning to inactive duty in 1945, he had logged over 80 combat missions in PT Boats, brought General MacArthur back to Corregidor in fulfillment of the famous promise, and had added the Bronze Star and the Purple Heart to his campaign medals. The official U. S. Navy Volume on PT-Boat Operations carries a photograph of Shafer, aboard a rubber raft, evacuating paratroopers pinned down by sniper fire on a small Pacific Island.

After the war, Shafer returned to Meadville to practice law. He was affiliated with the office of the late former Judge Mook, and subsequently became a partner in the firm of Thomas, Shafer, Dornhaffer and Swick. He taught business law at Allegheny College while practicing. In 1947 he was elected district attorney of Crawford County on both tickets, a feat he repeated in 1951. In 1958 he was elected to the Pennsylvania Senate, representing Mercer and Crawford Counties. In 1962 he was elected Lieutenant Governor of Pennsylvania, and two years later was the acting Chairman of the Pennsylvania delegation to the 1964 Republican National Convention in San Francisco. In November 1966 he was elected Governor, marking the first time in Pennsylvania's political history that a lieutenant governor successfully ran for the highest office.

An ardent sportsman, Governor Shafer is a top-flight golfer. His civic activities are legion. He holds memberships in many community and fraternal organizations, together with his professional associations as a member of the Bar.

Governor and Mrs. Shafer have three children: Diane, Raymond, Jr., and Jane as well as a grandson, "Flip."



DR. H. B. CHARMBURY  
PENNSYLVANIA SECRETARY OF MINES  
AND MINERAL INDUSTRIES

Pennsylvania's Secretary of Mines and Mineral Industries, Dr. H. Beecher Charmbury, was born September 21, 1914 in Hanover, Pennsylvania, and educated in Hanover public schools.

Dr. Charmbury commands a wealth of professional education and experience in his post as Secretary of Mines and Mineral Industries.

He was first appointed to this position by former Governor William W. Scranton in January, 1963, and subsequently reappointed by present Governor Raymond P. Shafer in December, 1966.

He received his A. B. degree in chemistry, cum laude, from Gettysburg College in 1936, and his Master's degree in chemistry from Pennsylvania University the following year. He was awarded his Ph. D. degree in Fuel Technology from The Pennsylvania State University in 1942.

Prior to his appointment as Secretary of Mines and Mineral Industries, Dr. Charmbury has been associated with The Pennsylvania State University since 1937 and currently is on leave of absence from that school. He started out as a research assistant in the Department of Petroleum and Natural Gas, and from there went on to become Professor and Head of the Department of Mineral Preparation at Penn State in 1953.

He was one of the first people to be invited as a lecturer at the Third International Coal Preparation Congress in Liege, Belgium in 1958, and was also a lecturer at the First European Symposium on Coal Size Reduction in Frankfurt, Germany in 1962.

The firms to which he has been a consultant on problems related to coal, metallic and non-metallic minerals, as well as air pollution, reads like a blue chip list of American industry. A partial list includes the Molybdenum Corporation of America; Rochester and Pittsburgh Coal Company; Esso Research and Engineering Company; The Babcock and Wilcox Company; The American Tool and Supply Company; The Lampa Mining Company, Ltd.; Corn Products Company; "Rock Products" (Maclean-Hunter Publications); and Titan Metal Manufacturing Company. In addition he has also served as consultant to many municipalities on similar problems.

He has authored numerous articles on coal and other mineral technology for such publications as "Mechanization", "Utilization", "Rock Products", "Mineral Industries", "Brick and Clay Record", and "Mining Engineering". Many of his technical papers have been translated and reprinted abroad in German, French and Chinese publications.

As a renowned authority on coal, its preparation and usage, as well as other minerals, Dr. Charmbury has also presented technical papers before such conclaves as the American Mining Congress, the American Chemical Society, and the National Association of Industrial and Mechanical Engineers.

He is listed in *American Men of Science*, *Who's Who in American Education*, *Who's Who in Engineering*, *Who's Who in the East*, and *Leaders in American Science*.

As Secretary of Mines and Mineral Industries in Pennsylvania, Dr. Charmbury serves as chairman of the following boards and commissions: Bituminous Land Reclamation Board; Coal Research Board; State Mine Subsidence Insurance Fund; Oil and Gas Conservation Commission; Anthracite and Bituminous State Mine Inspectors' Examining Board; Oil and Gas Inspectors' Examining Board; and the Anthracite Mine Drainage Commission.

In addition, he is vice-chairman of the Anthracite Allocation Committee as well as a member of the State's Sanitary Water Board and the Air Pollution Commission. He also is a member of the Board of Trustees for the Pennsylvania State University.

He is a member of the Lutheran Church. A. F. & A. M., and a past exalted ruler and past district deputy grand exalted ruler of the B. P. O. Elks.

## ECONOMIC CHANGES BRING NEW TECHNOLOGY IN THE COAL INDUSTRY

At the beginning of the present century, coal and iron were the keys to industrial prosperity. At that time, and for a number of years afterward, Pennsylvania led all the states in mineral production. In a typical year after World War I, for example, this state's production of coal was 200,000,000 tons.

In the entire United States almost 90 percent of the energy formerly was generated by coal. Now, however, coal accounts for but 22 percent of the energy generated. This indicates the drastic reduction in the output of Pennsylvania coal. In contrast to the period after World War I, the figures for 1966 show a drop in production to 93,481,022 net tons. This drop has created a serious economic problem in a state so greatly dependent on the coal industry. With the reduction in coal production, employment has dropped considerably during those years (the number of miners alone from 280,011 to 34,350).

### EXTENSIVE RESERVES IN PENNSYLVANIA

The reduction in coal output is due not to depletion of Pennsylvania's coal reserves but to shifts in demand. It is estimated that there are more than seven billion tons of anthracite and more than 28 billion tons of bituminous coal still unmined in Pennsylvania.

All shifts in demand take place through the price mechanism. For certain purposes aluminum, concrete, glass, and plastics have become acceptable substitutes for steel. The relatively high price of steel is due in part to the high price of coal. Changes in steel-making practices aimed at reducing costs are threatening the use of coal as it is now known. Stricter air pollution laws may tend to delay the establishing of many new mine mouth power plants.

The problems that the Pennsylvania coal industry is facing do not stop with unemployment, costs, and coal output. Mine subsidence, or cave-ins where voids have been left by coal mining, has caused considerable property damage. Acid mine drainage is another problem. Because of the physical characteristics of coal, when it is acted upon by bacteria and combined with water, sulfuric acid is formed; and that results in the pollution of streams. Burning refuse piles constitute an additional problem.

In spite of the present discouraging state of the coal industry, many experts believe that coal has a promising future both as a raw material and as a source of energy. The former is illustrated by the increasing demand for organic chemicals and carbon as a filtering agent. The extent to which Pennsylvania's coal industry will profit by these new prospects depends upon research and development, upon coal policies, and upon the ability of Pennsylvania operators to mine coal at a cost that will make possible effective competition with operators in other states.

## Research and Development

As far back as 1939, coal operators and economists with foresight saw on the horizon obstacles that would have to be overcome and realized that improvements would have to be made. Recognizing research as a means of improving and stabilizing the industry, they urged legislative action. The General Assembly made a small grant to the Pennsylvania State University with the provision that every State research dollar be matched with one from the industry. This initial grant laid the foundation for growth in coal research.

In 1955 the General Assembly, acting on recommendations of the Panel of Technical Advisors of the Joint State Government Commission, created the Coal Research Board. In 1956 it passed Act 651, designating the Board to carry on research on the economics, the technology, and the marketing of anthracite and bituminous coal and their by-products for the purpose of developing new uses and increasing markets for such coal. The sum of \$500,000 was appropriated for use by the Board. The law requires that the Board be composed of nine members, namely: the Secretary of Mines and Mineral Industries, who is designated as Chairman; two anthracite operators; two bituminous coal operators; one representative of the labor collective bargaining agency of the anthracite industry; one representative of the steel industry, one representative of the electric utility industry, and one representative of the labor collective bargaining agency of the bituminous coal industry. All members except the Secretary of Mines and Mineral Industries are appointed by the Governor, each for a term of three years.

In 1963, the scope of the Coal Research Board was increased to include problems confronting the industry such as water and air pollution, mine fires, mine safety, and the development of coal mineral complexes.

Through July 1, 1967, a total of \$3,025,003 has been appropriated by the Legislature to the Coal Research Board. Of that amount, the sum of \$475,000 was appropriated for the fiscal period 1963-1964, and \$500,000 each for the fiscal periods 1964-1965, 1965-1966, and 1966-1967.

Projects conducted in past years were selected by the Board from proposals submitted by qualified research agencies. Project proposals demonstrated a need for conducting basic or fundamental research concerning the various factors related to coal; but they presented few ideas for research in applied uses for coal. The result was that the Board had little choice but to assign the bulk of its available funds to projects concerned with basic or fundamental research.

### ACTIVE PROJECTS FOR COAL RESEARCH BOARD

At the present time active research projects are being carried out for the Coal Research Board by colleges, industrial corporations and coal industry institutions. The subject matter under study is in the fields of export market development, domestic market development, water pollution abatement, strip mine restoration, optimization of mine



production, reduction of ash and sulfur content in coal, coal combustion characteristics, economics of the coal industry, use of coal refuse products, reduction of mine disaster causes, removal of coal float dust, extinguishment of coal refuse bank fires and use of coal in removing airport fog.

There are now under way, several pilot plant projects through which technical information developed under previous laboratory projects can be applied and field tested. The first of these projects was a mobile acid mine drainage plant, designed and built in 1964, which has been used in studying mine drainage at six field locations. This plant has sufficient flexibility that new laboratory developments can be tested in the field. As economic and technical data are derived from the operations of this pilot plant, many unknowns will be resolved.

The second pilot plant is devoted to the treatment of coal refuse to separate combustible from non-combustible values. Arrangements have been made to use the non-combustible material to fill underground mine voids in the Commonwealth's program for the prevention of surface subsidence. The combustible portion has been tested in a nearby commercial power plant to ascertain its usability as power plant fuel. This pilot plant is also a direct result of theoretical and applied research sponsored by the Coal Research Board in the past.

The third pilot plant project consists in pursuing a means of disposing of acid water that is being discharged into streams. The technical and economical feasibility of permanent disposal of contaminated water by deep well injection into subterranean zones of mineralized brines is being studied. A deep disposal test well was drilled by a major steel company under the direction of engineers for the Pennsylvania State University.

#### PILOT PLANTS NOW IN OPERATION

The fourth pilot plant that is being tested is one for converting mine drainage, through flash-distillation, into ultra high quality drinking or industrial water. Distillation of acid mine drainage water has many potential benefits to the localities where streams are now polluted. Data are needed, however, to establish the market value of distilled water as well as other potential by-products in these communities in order to establish the relative overall cost comparison of distillation to lime neutralization.

The Board is now carrying on six projects, either begun in 1965 or being finished from previous years, which are related to coal market development. They are as follows: (1) The economic and technological study of domestic markets for Pennsylvania anthracite; (2) the dissipation and removal of fog from airports by the application of fine anthracite; (3) Airport fog dispersal by the heat blitz method; (4) The study of high moisture pulverized coal flames; (5) The economic importance of the coal industry to Pennsylvania; and (6) An economic and technological study of European markets for Pennsylvania anthracite.

Another well received activity sponsored by the Board, by which it is hoped to increase mine safety, was that of several five day "short

courses" at the Pennsylvania State University on the study of Rock Mechanics as a basis for strata control. Mine inspectors and representatives of industry from both anthracite and bituminous coal fields attended these courses and learned of the latest technology. Greater "know-how" by these newly trained men should be reflected in improved roof control, improved safety and over-all better protection against cave-ins.

The projects being carried on by the Board to improve mine safety are: (1) an investigation of effective measures to combat mine disasters; and (2) an investigation of methods for control of float dust in coal mines.

Projects now being carried on for the purpose of reducing mining costs are in the fields of (1) strip mining and land restoration; (2) optimization of mine production systems for low cost mining.

Projects to treat refuse banks and refuse material are as follows: (1) The characteristics and preparation of anthracite breaker refuse and the suitability of derived products for industrial use.

In addition to the mine drainage pilot plant previously mentioned, nine projects have been funded by the Coal Research Board in seeking solutions to the acid mine drainage problem.

#### MINE DRAINAGE RESEARCH PROJECTS

Acid mine drainage research is being carried on through the following projects:

- (1) An investigation of the technical aspects in the control and disposal of mine water to minimize stream pollution by deep well disposal.
- (2) The control of mine stream pollution by removal of the impurities from drainage streams by coal interaction.
- (3) A bibliography on acid mine drainage.
- (4) An investigation on the extraction of iron in acid mine drainage waters.
- (5) The elimination of pollution in mine drainage by biological factors.
- (6) The design, fabrication, and operation of a mobile demonstration plant for the treatment of acid mine drainage.
- (7) A feasibility study of the application of a flash distillation process for treatment of acid mine drainage water.
- (8) Removal of acid from mine drainage by ion retardation.
- (9) The effect of acid mine drainage from strip mines on the ground reservoir under various hydrogeologic environments within the Mercer Quadrangle, Pennsylvania, and the mutation of water as it moves through the ground water reservoir.
- (10) Control of water quality in coal preparation plant effluent.
- (11) Pumping acid mine water from the West Branch of the Susquehanna River into an abandoned mine to improve alkalinity content.

- (12) Development of a mine drainage treatment test center at Hollywood-Tyler, Pennsylvania.

Up to the present time, 62 technical reports have been prepared concerning many of the individual projects that have been conducted by the Coal Research Board. A great quantity of information not previously known has been recorded. These records have been distributed to the coal industry, agencies, libraries, and scientifically-minded individuals. It is believed that the availability and the use of this material have been of direct assistance in making possible some of the recent developments in the use of coal.

In order to plan for future research, the Board has solicited suggestions for research areas and specific problems from the coal industry and labor, and it has compiled a list of areas in which Board members think that research may prove useful. Compilation of problem areas was prepared, then distributed to research agencies of known ability, with facilities for undertaking coal research. Proposals were solicited for projects aimed at correcting or gaining information on the problem or problems presented. The Board continuously evaluates these proposals in the light of the long- and short-term needs of the coal industry, and grants contracts as funds permit.

The Pennsylvania coal industry today is faced with the task of doing in a short time research that ought to have been undertaken many years ago. It is reasonable to believe that if an adequate research effort had been made in the past many of today's problems would not exist. A coal research program, broad in scope and extending into the future, should contribute greatly toward opening the doors to vast and valuable mineral reserves remaining in Pennsylvania.

### **Mine Refuse Bank Fires**

Under a program first authorized by Act 3A of the General Assembly, approved March 3, 1964, supplemented by later acts, the Department was authorized to use money specifically for the purpose of extinguishing, curtailing, and preventing the spread of mine refuse bank fires. The Department made arrangements with the Federal Department of Health, Education and Welfare to undertake nine experimental projects with that Department.

Nine (9) research projects have been authorized to demonstrate the feasibility and costs of refuse bank extinguishment. These projects are as follows:

Huber Refuse Bank, removal of material by draglines followed by water quenching and layering and compaction; Carrolltown Refuse Bank, rigid foam sealing and injections with an inert gas; Heshbon Refuse Bank, grouting and covering of a bank with vermiculite, limestone dust and chemicals; Heshbon Refuse Bank, grouting and covering a refuse bank with mine drainage sludge (Yellowboy); Gypsy Refuse Bank, an application of chemical mixtures and detergents with water for bank extinguishment; White Station Refuse Bank, cooling by water sprays followed by admixing of inert—non-combustible material with coal refuse followed by compaction; Tuscarora Refuse Bank, side seal-



ing of the bank with clay followed by application of cement waste dust to the crown; Baker Refuse Bank, Scranton, fracturing fused refuse material with explosives followed by saturation with water; and Marvine Refuse Bank, hydraulic quenching and removal using high pressure water nozzles followed by layering and compaction.

All of the above projects will result in the development of improved extinguishment techniques and will produce engineering and fiscal data indicating the "least cost" extinguishment methods.

## **Abandoned Coal Mine Services**

The abandoned coal mine services are basically for the purpose of correcting conditions caused by early mining operations that are detrimental to public welfare. During 1965 the authority to carry out these services was enlarged and it now reads as follows: "To seal or close or backfill abandoned deep or strip coal mines, to fill voids in abandoned coal mines, to drill bore holes, dig ditches or construct flumes which would relieve flooding or hazardous conditions caused by mine water, and to extinguish fires in abandoned coal mines and in culm banks, in those instances where such work is in the interest of the public welfare."

During the last calendar year, the Department conducted 61 projects under this program, using State funds only. Of these projects, 43 were conducted in twelve counties in the bituminous coal area of the Commonwealth, and 18 projects in five counties in the anthracite area.

During 1966, special emphasis was again placed on sealing abandoned deep mine openings and extinguishment of fires in abandoned coal mines insofar as the services provided under this program were concerned.

# COMMONWEALTH OF PENNSYLVANIA

Department of Mines & Mineral Industries

Abandoned Coal Mine Services Program

During Calendar Year—1966

<i>Project</i>	<i>County</i>	<i>Municipality</i>	<i>Type of Project</i>	<i>Date Started</i>
NR-79	Luzerne	Wilkes-Barre	Drilling 4 boreholes from the Surface to underlying Baltimore Vein, Flushing Project	4/16/66
NR-80	Lackawanna		Fire Extinguishment	10/5/66
NR-81	Luzerne	Throop Borough, Keystone Industrial Park Area	Extinguishing Mine Refuse Bank Fire	5/31/66
NR-84	Luzerne	Larksville Boro.	Drilling boreholes for the possibility of a mine fire	10/3/66
NR-85	Sullivan	Swoyersville Boro.	Mine and Refuse Dump Fire in a Strip Pit	11/30/66
NR-87	Lackawanna	Cherry Twp.	Extinguishing a Culm Bank	11/1/66
NRD-52	Luzerne	City of Scranton	Culm Bank Fire	7/7/66
NRD-53	Lackawanna	Luzerne Boro.	Culm Bank Fire	7/13/66
NRD-54	Lackawanna	Archbald Boro.	Culm Bank Fire	8/1/66
NRD-55	Lackawanna	Throop Boro.	Culm Bank Fire	11/23/66
NRD-56	Lackawanna	City of Scranton	Bank Fire	12/13/66
		City of Scranton	Mine Fire	

## Anthracite Division

The Anthracite Division, with headquarters in Pottsville, compiled the following record of productive effort during 1966:

There were 2,131 separate deep mine inspections, during which 71 mines or sections of mines were stopped for safety reasons; also 1,050 separate strip mine inspections, during which 2 operations were stopped for safety or other reasons. In addition, preparation plant inspections, culm bank recovery inspections, and electrical inspections of deep and strip mine operations resulted in many corrective recommendations. With a total of 4,231 complete inspections during the year, by 22 inspectors, the average per inspector was 192.

A total of 1,101 inspections of waste disposal areas were conducted by inspectors.

In the field of employee safety the Department's anthracite inspectors trained 1,189 men in rudimentary First Aid, and 53 in a full scale Mine Rescue training course. In the Anthracite Division the safety record for the year shows five fatal accidents as compared to eight for the same period in 1965. Pertaining to the health of miners, 81 individual dust studies were made in 1966.

### OUTSTANDING ACHIEVEMENTS BY INSPECTORS

An additional 18 new Holmes Safety Council chapters were organized during 1966, adding to the 24 chapters organized during the previous years.

Under the Abandoned Mine Services Program, engineers in the Anthracite Division made studies of 52 proposed projects, initiated 22, and completed 18. They also made 267 mine subsidence insurance investigations, and serviced three safety zone applications.

A rapidly expanding function of the Anthracite Division is strip mine blasting control. Department personnel regulated and monitored 5,251 blasts having a total of 27,153 blast holes. The Department actively regulates blasting in Carbondale, Plains Township, (Luzerne County), Wilkes-Barre, Plymouth, Warrior Run, Wanamie, Coaldale, Lansford, Nesquehoning, Shenandoah, Saint Clair and Wadesville.

In the field of restoration, State-owned equipment has replaced 865,250 cubic yards of earth in long-abandoned strip mines on public land. Outstanding examples are the State Game Lands at Gold Mine in Lebanon County, a project which has additional value in improving the quality of the water to the City of Lebanon's watershed, the Mahanoy City project on lands owned by the School District, the Kulpmont playground areas owned by the Borough Council, and the Sheppton Mine Breach.

In addition, another 93,825 cubic yards of burning material were displaced and extinguished in the Luzerne Borough, Archbald Borough, Marvine, Baker and Cedar Avenue Bank Fires, all using State-owned equipment.

Forestry activity included the planting of 1.1 million seedlings on nearly a thousand acres of restored strip mined lands.

## Anthracite Strip Mine Restoration

The Bureau of Anthracite Conservation and Reclamation, established under the terms of an Act of the General Assembly numbered 393 (P. L. 781), began functioning on November 11, 1963 when the amendment to the Anthracite Strip Mining Law became effective. Its duty is to administer all the laws of the Commonwealth governing and relating to the mining of anthracite by the open pit or strip mining method.

Regulations of strip mining require operators to be licensed, to pay license fees, and to obtain permits before engaging in the excavation of overburden or the removal of coal. In 1966 the number of licensed operators decreased to 77 from 90 in 1965. The number of permits issued to strip mine operators also decreased from 348 in 1965 to 259 in 1966. The reduction in the number of licensed operators and in the amount of open pit mining permits can be attributed to the continuation of the declining market and to the fact that less areas of suitable coal are available for strip mining from year to year.

A land Restoration Board was created under the same 1963 legislation. Its members are: the Secretary of Mines and Mineral Industries, who is the Chairman, a registered professional engineer, a conservationist, a representative of the anthracite industry, and the Deputy Secretary of Mines and Mineral Industries for the Anthracite Region. The chief function of the Board is to review the plans of mining and restoration proposed by operators for stripping pits in excess of 100 feet in depth, which will be located more than 100 feet from a public highway and more than 250 feet from a dwelling house, public building or commercial or institutional building. For those approved, the amount of final backfill required is determined by the Board and is made a condition of the permit; the operator must backfill to the extent specified.

During 1966, only 6 new permits were issued for stripping pits in excess of 100 feet in depth compared with 9 for the year 1965. There were, however, permits issued for renewals and for amended areas of open pit operations in this category that were started during previous years. This was due mainly to the fact that the shallower stripping pits, less than 100 feet in depth, involved smaller areas of land. During the two-year period the Land Restoration Board approved only three of a total of 101 original permits for alternate plans of restoration while others required replacement of all overburden in stripping pits.

Strip mining operators are required to file bonds with the Department to cover the obligations of backfilling and leveling or grading, together with planting the land areas affected by the open pit mining. During the three years of compliance with the 1963 Act, operators have filed \$2,434,357 in bond to cover the restoration obligations of mining 4,324 acres of land. One of the outstanding accomplishments of 1966; through education and enforcement, was the elimination of the practice by operators of strip mining areas of land in excess of bond. No instances of this kind occurred in 1966.

During the two-year period under the Anthracite Strip Mining and Conservation Act 133, completion reports filed for land affected by open pit mining under the act of 1963 show that 1,048 acres of land have been backfilled and restored to the original or to an improved contour over conditions existing at the beginning of the mining. A large percentage of anthracite open pit work consists in extending old stripping pits to greater depths and in almost all cases the area of land restored exceeds the amount affected by the new stripping. The final phase of restorations consists in planting the land affected by strip mining. The operator may either do this work himself or pay a prescribed fee to the Department on a per acre basis in order to be relieved of this obligation. During 1966 the amount of money received from operators for planting was \$18,438 compared with \$24,449 for 1965. During 1966 also 302,280 trees were planted by operators and 828,000 by the Department, all on land stripped and backfilled under the 1963 legislation. For the acreages of land restored, more than \$650,000 of bond has been released to operators during the 3 years of operating under the Anthracite Strip Mining and Conservation Act.

## Oil and Gas Division

Because the function of the Oil and Gas Division of the Department is limited by law to the implementation of regulatory practices, accomplishments then must be defined as activities. The statistical report which follows is an exact report for the year 1966.

The number of drilling permits issued in coal areas was 371; in non-coal areas, 11, total, 382. Drilling permits issued in coal areas pertinent to the Oil and Gas Conservation Act, 51: In non-coal areas pertinent to the Oil and Gas Conservation Act, 11: Total, 62. Wells reported drilled in non-coal areas, 653; total wells reported drilled for the year, 1,035. Wells reported plugged and abandoned, 319. Pillar Permits issued, 299.

The total number of wells reported drilled is approximately 1 percent more than was reported for the year 1965. The year 1966 was the second most active since the organization of the Division. During 1966 activities were reported in 30 counties. There has been activity in 41 of Pennsylvania's 67 counties since the effective date of the Act, February 1, 1956. As to underground gas storage wells, Pennsylvania continues to lead the nation in underground gas storage capacity which is 660 billion cubic feet. Of the 73 storage reservoirs in Pennsylvania, 60 are active, four abandoned, five are being depleted, and four are in the planning stage. There are sixteen of the storage reservoirs within 10,000 linear feet of operating coal mines. This means that these 16 reservoirs are under complete jurisdiction of the Division. Gas is being stored in 113 individual pools. By way of explaining this figure, some of the storage reservoirs are storing gas in more than one geological horizon.

Inspector activities were as follows:

1. During 1966 the number of inspections made was 4,401. These included investigations of drilling, casing, and plugging operations as well as periodical inspections of storage areas.
2. The Inspectors held 1,736 consultations during the year. These consultations were between the Department's Inspectors and management representatives of the oil and/or gas companies.
3. There were made 417 special investigations including plugging operations for the following: Kinzua Dam, Moraine State Park, Keystone Power Associates, and various State Highway construction projects. These investigations were concerned not merely with inspection trips, but rather with preparation of plugging and/or casing specifications to an alternate method as permitted by the Act.
4. There were made 27 individual complaints pertaining primarily to alleged water contamination. Most of these complaints were amicably settled even though in most instances the Department had no jurisdiction. Also investigated and reported in this category were all accidents of which officials of the Department had knowledge. Recommendations were made orally to the



affected operators; and it is believed that, even without legislation, some progress relevant to safer operations was made.

5. There were 12 informal conferences held by individual inspectors. These conferences were held by the District Inspector in an attempt to settle disputes without aggravation. Since only three of these informal conferences were carried on to formal conferences in the Pittsburgh Office, it is believed that here, too, some progress has been made.

The Department is continuing to furnish the Geological Survey with all well information. Since the passage of the Oil and Gas Conservation Act in 1961, the Geological Survey has not received information directly from the operators, except that which may be forwarded willingly.

The Geographical Survey, in the compilation of its reports, is dependent upon the Department for statistical information.

Activity was quiet in so far as spacing and integration orders were concerned during the year. The members of the Commission believe that the Act has served its intended purpose, in that the drilling of wells coming within the purview of the Act, has been carried on in more orderly fashion and a wider acreage arrangement.

## **Coal Mine Subsidence Fund**

For the second successive year the Fund has met its mandated obligation, insofar as the self-sustaining provision of the Act is concerned.

In 1965 the Fund wrote 592 policies which produced an excess of premium over administrative expense in the amount of \$28,720.93. In 1966 the Fund wrote 406 policies which produced an excess of premium over administrative expense in the amount of \$23,929.22.

The pre-year-end Statement of Condition of the Fund, dated December 1, 1966, explained reasons for the drop in policy sales, which seriously curtailed the progress of the Fund. However, it is anticipated that the renewal premium income again will be sufficiently high to pay the administrative expense for the year of 1967.

As of December 31, 1966, a total of 54 claims were paid at a cost of \$200,046.24, with 16 pending for an estimated settlement value of \$50,000.00.

Of noteworthy interest is the fact that while Act 484 (August 23, 1961) mandates that administrative expense be paid from premium income from January 1, 1965, on, the attached Fund Balance (page 1) shows premium and interest since the inception of the Fund to be \$487,710.11 and administrative expense \$481,364.34, or an excess of revenue over expenditures of \$6,345.77.

## Appalachia Program

The mining area restoration sector of the Appalachia Program derives from Section 205 of the Appalachian Regional Development Act of 1965.

In 1966, the Department prepared a total of 14 project requests and forwarded them to the Secretary of Commerce, Pennsylvania's member of the Appalachian Regional Commission, for presentation to that Commission. Along with the 22 project requests prepared and forwarded in 1965, this brings the total of Pennsylvania's Appalachian project requests to 36.

To the end of 1966, 30 of the projects have been approved by the Appalachian Commission. In 1966 contracts were awarded for 10 of the 30 approved projects. Two of the projects under contract were completed during the year 1966. The other 8 were in process of construction at the end of the year. Necessary preparation of specifications and contracts for other approved projects are going forward currently.

The Appalachian Regional Commission stresses data on economic and social justification of projects. The broad aspects of social and economic justification have been covered by information furnished by the State Planning Board. Local aspects and descriptive information relating to individual projects have been prepared by the Department. In 1966 Pennsylvania continued its role of pioneer in the field of mining area restoration projects. A notable advance was the development in the Department of a formula for expressing a Cost-Benefit ratio for Appalachian projects. The formula has been refined by successive use and has been greatly helpful in guiding decisions with respect to projects, both by the Commonwealth and the Appalachian Regional Commission.

At the close of 1966, the Department had 5 additional projects actively in preparation for transmittal to the Appalachian Commission, together with other projects under consideration.

By far the largest number of requests from local governments for Appalachia aid on mining area restoration have been for underground mine fire projects. Twenty-five such projects have been submitted to the Appalachian Regional Commission, along with 7 subsidence projects and 4 strip mine reclamation projects.

The Appalachia Program has given new hope to mining communities with problems related to the devastation of past mining operations. Many communities in Pennsylvania are now being aided by the Appalachia Program of mining area restoration to overcome environmental handicaps which have effectively barred the communities from helping themselves to attract new sources of employment.



## *Before*



Anthracite strip mine showing depleted land area and dangerous, water-filled pit near Kulpmont Borough in Northumberland County.

## *After*



The same area in Northumberland after being completely restored to contour in May, 1966.



In 1966, the Department of Mines and Mineral Industries began intensifying its attack on the huge burning refuse banks that plague many sections of the coal regions in Pennsylvania. The Huber Bank, above, is located literally right in the City of Wilkes-Barre's backyard, emitting noxious fumes over a wide residential and business section. In attacking this bank fire, the Department used aerial infrared photography to pinpoint the "hot spots". Once these were located then huge draglines (photo below) were employed to lift the burning material out of the bank and dump it into a "quenching pit" where it is submersed in water. This joint State-Federal demonstration project involved some \$345,000.



## *Lime Neutralization Plant*



This is the Nation's first state-owned and operated acid mine water neutralization plant, located on Little Scrubgrass Creek, northeast of Butler, Pennsylvania. This plant began operation in December, 1966, and is the direct result of information supplied from the Department's "Operation Yellowboy" portable field laboratory.



# STATISTICAL REPORTS

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES  
ANTHRACITE DIVISION  
TOTAL PRODUCTION OF COAL, PRODUCTION FROM STRIPPINGS AND WASHERIES  
EMPLOYES, FATALITIES, ETC.  
1870 - 1966

Year	Total production (net tons) #	Washery production (net tons)*	Stripping production (net tons)*	Employees	Fatal- ities	Produc- tion per fatality	Fatal- ities per million tons	No. of ins- pec- tors
	#			#	#	#	#	#
1870	14,172,004			35,600	211	67,166	14.89	5
1871	15,532,252			37,488	210	73,963	13.52	5
1872	15,567,973			44,745	223	69,811	14.32	5
1873	21,001,521			48,199	264	79,551	12.57	5
1874	19,930,240			53,402	231	86,278	11.59	5
1875	23,402,646			69,966	238	98,330	10.17	6
1876	23,440,666			70,474	228	102,810	9.73	6
1877	24,727,213			66,842	194	127,460	7.85	6
1878	20,900,966			63,964	187	111,770	8.95	6
1879	31,036,600			68,847	262	118,460	8.44	6
1880	27,974,532			73,373	202	138,488	7.22	6
1881	34,202,558			76,031	273	125,284	7.98	7
1882	35,057,430			82,200	295	118,839	8.41	6
1883	37,747,369			91,421	323	116,865	8.56	6
1884	36,468,738			101,073	332	109,846	9.10	6
1885	38,232,155			100,320	332	115,157	8.68	7
1886	38,950,932			103,044	279	139,609	7.16	7
1887	42,156,300			106,517	316	133,406	7.50	7
1888	46,635,037			122,218	364	128,118	7.81	8
1889	43,650,768			119,646	397	109,952	9.09	8
1890	44,986,286			119,919	378	119,011	8.40	7
1891	49,701,322			123,308	428	116,125	8.61	8
1892	51,226,978			130,300	418	122,553	8.16	8
1893	52,841,110		†	138,069	456	115,880	8.63	8
1894	50,966,920	386,960		139,939	446	114,276	8.75	8
1895	56,948,756	386,534		143,705	421	135,270	7.39	8
1896	53,843,250	527,809		150,088	502	107,257	9.32	8
1897	52,581,036	732,743		149,557	423	124,305	8.04	8
1898	52,812,675	697,759		142,420	411	129,498	7.78	8
1899	60,518,331	1,055,426		140,604	461	131,276	7.62	8
1900	57,363,396	1,818,170		143,824	411	139,570	7.16	8
1901	67,094,665	2,009,864		147,651	513	130,789	7.65	8
1902	41,340,935	2,965,792		148,139	300	137,803	7.26	8
1903	75,232,585	4,119,258		151,827	518	145,237	6.89	15
1904	73,594,369	3,440,420		161,330	595	123,688	8.08	15
1905	78,647,020	3,897,688		168,254	644	122,123	8.19	15
1906	72,139,510	4,880,402		166,175	557	129,514	7.72	19
1907	86,056,412	5,630,169		168,774	708	121,549	8.23	20
1908	83,543,243	4,635,923		174,503	678	123,220	8.12	20
1909	80,223,833	5,206,562		171,195	567	141,488	7.07	20
1910	83,683,994	5,412,167		168,175	601	139,241	7.18	20
1911	90,917,176	4,555,457		173,338	699	130,067	7.69	21
1912	84,426,869	4,317,161		175,098	601	140,477	7.12	21
1913	91,626,964	2,934,157		175,310	624	146,838	6.81	21
1914	91,189,641	2,702,537		180,899	600	151,983	6.58	21
1915	89,377,706	3,418,427		177,339	588	152,003	6.58	21
1916	87,680,198	4,432,606		159,169	565	155,186	6.44	25
1917	100,445,299	6,408,277		156,148	581	172,883	5.78	25
1918	99,445,794	7,246,454		148,226	556	178,859	5.59	25
1919	87,838,024	3,616,675		153,780	636	138,110	7.24	25
1920	89,636,036	5,435,697		149,117	490	182,931	5.47	25
1921	90,358,642	1,842,096		161,926	546	165,492	6.04	25
1922	53,910,201	2,525,402		159,880	300	179,701	5.56	25
1923	92,653,641	4,212,001		158,764	515	179,910	5.56	22
1924	87,277,449	1,141,796		162,503	496	175,963	5.68	22
1925	61,334,145	894,187		163,825	401	152,953	6.54	18
1926	83,874,500	1,365,175		168,734	455	184,340	5.42	18
1927	79,367,154	1,841,440		167,648	492	161,315	6.20	25



Year	Total production (net tons)	Washery production (net tons)*	Stripping production (net tons)*	Employees	Fatal- ities	Produc- tion per fatality	Fatal- ities per million tons	No. of ins- pec- tors
1928	74,552,312	1,614,863		160,721	447	166,784	6.00	25
1929	72,985,844	878,599		153,422	483	151,109	6.62	25
1930	68,776,559	890,389		151,171	444	154,902	6.46	25
1931	59,115,387	1,468,572	%	138,400	384	153,946	6.50	25
1932	49,501,511	1,062,853	3,545,948	119,480	243	203,710	4.91	21
1933	49,507,577	2,090,996	4,308,811	102,469	232	213,395	4.69	21
1934	56,798,951	1,516,393	4,461,894	106,251	260	218,458	4.58	19
1935	51,359,111	1,876,700	4,962,514	100,539	267	192,256	5.20	17
1936	54,264,016	1,411,988	3,757,678	99,704	241	225,162	4.44	16
1937	51,700,296	1,882,026	5,014,052	99,117	212	243,869	4.10	22
1938	46,269,511	2,031,432	5,080,344	96,998	223	207,487	4.82	20
1939	51,399,707	2,347,269	5,308,049	93,352	210	244,761	4.09	24
1940	51,526,454	2,599,280	6,010,364	90,790	182	283,112	3.53	23
1941	53,942,177	3,689,538	7,855,945	88,849	189	285,408	3.50	22
1942	57,939,629	4,045,970	9,657,307	83,707	225	257,509	3.88	22
1943	60,511,730	7,715,860	8,688,896	79,369	218	277,577	3.60	23
1944	64,112,589	10,527,481	10,925,619	78,145	171	374,927	2.67	24
1945	55,901,235	9,454,205	10,521,174	76,265	137	408,038	2.45	23
1946	61,978,710	9,214,678	12,912,992	80,556	169	366,738	2.73	24
1947	58,227,985	7,076,796	12,691,382	80,730	165	352,897	2.83	24
1948	59,108,810	6,735,688	13,485,837	80,390	131	451,212	2.22	26
1949	44,710,118	4,823,144	11,081,087	79,209	92	485,980	2.06	26
1950	46,339,255	4,027,249	12,291,325	75,231	86	538,829	1.86	25
1951	42,389,055	4,843,834	11,376,379	70,357	94	450,947	2.22	25
1952	40,067,130	4,710,495	11,019,185	66,438	92	435,512	2.30	25
1953	30,495,391	3,892,083	8,883,984	56,952	59	516,871	1.93	25
1954	26,612,312	3,055,528	7,852,186	44,731	47	566,219	1.76	24
1955**	25,934,792	3,618,121	7,826,029	37,397	60	432,247	2.31	20
1956	28,175,633	4,336,168	8,527,613	35,029	54	521,771	1.92	18
1957	25,163,466	4,356,958	7,831,511	32,767	51	493,401	2.03	21
1958	20,456,474	2,711,152	7,001,422	26,738	31	659,886	1.52	20
1959	19,670,615	2,981,696	7,272,661	24,112	46	427,622	2.34	20
1960	17,721,113	3,006,803	7,138,743	20,269	35	506,318	1.98	23
1961	16,506,612	2,418,433	7,279,371	16,971	19	868,769	1.15	23
1962	16,496,315	2,829,421	6,942,675	14,704	26	634,474	1.58	22
1963	17,411,202	2,965,213	7,552,995	14,323	30	580,373	1.72	22
1964	16,524,687	3,013,307	7,248,900	13,584	24	688,529	1.45	22
1965	14,229,817	2,661,189	5,996,536	11,839	8	1,778,727	0.56	21
1966	12,031,375	2,662,558	5,317,432	9,621	5	2,406,275	0.41	21

\* Included in total production.

# No accurate record previous to 1870.

‡ No accurate record previous to 1894.

% No accurate record previous to 1932.

\*\* In 1955 and subsequent years the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in this report.

## THIRTY-EIGHT YEAR STUDY OF ANTRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	2,654,820	1,044,724	1,113,048	10,392,400	34,711,150	7,207,553	19,238,222	214,773	655,000	45,759	87,277,449
1929	1,754,134	685,253	867,363	15,312,853	27,456,102	6,749,282	15,673,224	64,071	91,296	122,981	68,776,559
1931	1,866,084	865,424	756,274	12,768,631	23,766,625	5,728,673	12,923,765	75,542	137,506	157,506	59,115,367
1932	1,821,911	497,966	673,078	11,729,255	19,327,982	4,679,188	10,479,627	70,794	130,514	124,196	49,501,511
1933	1,610,409	556,539	652,057	11,090,350	19,861,441	5,102,704	10,252,019	126,101	97,715	125,242	49,507,577
1934	2,037,670	917,520	631,835	12,440,808	21,438,372	5,767,112	12,911,938	189,070	179,236	265,390	56,798,951
1935	1,703,018	824,808	549,467	10,437,254	21,059,166	5,469,278	10,761,971	179,134	216,010	159,010	51,359,111
1936	1,873,797	1,846,144	400,758	9,114,691	21,315,049	5,208,201	12,333,446	213,847	19,169	198,914	54,264,016
1937	2,076,398	1,251,044	484,403	9,157,509	22,487,109	4,604,212	11,461,545	89,879	15,339	102,858	51,700,296
1938	1,947,771	1,157,913	425,871	8,439,828	20,365,737	4,090,787	9,774,216	49,383	7,030	10,975	46,269,511
1939	2,151,415	964,346	476,960	9,196,352	23,377,666	4,815,235	9,885,719	36,684	124,791	5,602	51,599,707
1940	2,175,348	1,026,366	505,558	9,259,463	22,672,016	4,499,464	11,822,175	50,844	86,149	9,071	51,526,454
1941	2,401,741	1,067,473	345,545	8,973,827	24,316,481	4,934,077	11,822,153	49,179	21,686	10,015	53,942,177
1942	2,796,798	998,124	57,479	9,344,388	25,767,343	5,295,913	13,520,462	49,113	62,761	47,248	57,939,629
1943	3,150,839	861,015	229,826	9,149,647	24,082,663	5,463,150	17,396,092	101,977	73,037	3,484	60,511,730
1944	3,644,877	1,147,941	299,349	9,427,467	24,810,042	5,743,444	18,834,594	147,756	46,216	10,903	64,112,589
1945	3,345,258	1,121,228	292,662	8,083,021	21,073,255	5,001,063	16,731,289	187,007	66,452	*	55,901,235
1946	3,166,205	1,457,754	141,800	9,058,331	22,770,658	6,342,793	18,811,399	105,862	123,908	*	61,978,710
1947	2,933,809	1,507,884	28,731	8,538,164	21,990,960	6,779,549	16,259,688	46,785	142,415	-	58,227,985
1948	2,801,893	1,679,475	10,254	8,610,881	21,591,846	6,937,340	17,275,544	63,230	136,327	-	59,108,810
1949	2,126,682	1,380,732	61,389	6,221,743	15,989,846	5,200,490	13,538,194	23,585	167,457	-	44,710,118
1950	1,988,317	1,281,807	52,275	6,526,466	17,112,757	5,211,307	14,066,493	26,690	73,143	-	46,339,255
1951	1,894,035	985,177	30,133	5,775,808	14,882,432	5,749,967	13,021,079	28,762	21,662	-	42,389,055
1952	1,899,297	760,695	868	5,303,545	13,774,952	5,326,146	12,977,572	24,055	-	-	40,067,130
1953	1,561,836	745,649	21,811	5,555,642	10,201,927	4,247,561	10,142,880	18,085	-	-	30,495,391
1954	1,272,419	568,733	52,281	2,903,470	10,675,181	3,283,315	7,836,675	20,238	-	-	26,612,312
1955 #	1,749,692	639,990	212,239	2,594,928	9,921,275	2,749,383	8,057,600	9,625	-	-	25,934,792
1956	1,746,287	841,201	254,495	3,232,566	9,762,753	3,524,853	8,801,402	5,715	-	6,361	28,175,633
1957	1,107,042	850,479	195,499	2,680,409	8,389,265	3,415,614	8,518,317	6,841	-	-	25,163,466
1958	623,195	888,009	123,861	2,094,170	6,774,033	2,600,831	7,307,839	15,174	1,680	27,683	20,456,475
1959	518,252	692,224	142,720	2,147,827	6,172,748	2,551,604	7,432,081	8,052	-	5,107	19,670,615
1960	519,583	474,234	29,002	1,853,008	5,380,696	2,414,599	6,933,916	13,828	679	1,568	17,721,113
1961	579,106	464,421	108,542	1,853,008	5,307,953	2,004,278	6,827,844	16,534	1,645	1,318	16,506,612
1962	497,925	411,185	110,384	1,079,459	6,090,572	1,702,891	6,583,012	10,786	9,512	589	16,496,315
1963	727,445	445,749	230,324	964,475	6,412,375	2,082,968	6,531,130	8,729	-	8,007	17,411,202
1964	551,442	910,704	237,555	879,898	5,649,906	2,267,083	6,011,519	15,081	-	1,499	16,524,687
1965	444,826	416,272	196,495	660,558	5,346,676	1,600,886	5,538,420	23,096	2,395	193	14,229,817
1966	507,724	299,622	167,568	501,187	4,478,217	1,431,414	4,624,032	20,474	1,137	-	12,031,375

Total  
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## THIRTY-EIGHT YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LIZIERNE	NORTHUMBER.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	4,776	2,213	2,043	35,846	63,308	14,660	37,672	708	1,178	99	162,503
1930	4,216	1,757	2,016	36,317	61,114	11,354	33,082	584	457	274	151,171
1931	4,160	1,290	1,766	33,797	59,225	11,326	25,654	586	254	342	138,400
1932	3,870	997	1,657	29,700	50,231	10,084	21,507	703	454	297	119,500
1933	3,392	1,009	1,285	21,375	44,450	7,980	21,547	718	203	510	102,469
1934	4,344	948	1,126	22,954	46,737	8,161	21,062	510	200	205	106,251
1935	4,935	1,324	1,012	20,889	43,701	7,757	19,697	596	403	225	100,539
1936	5,517	1,697	888	19,607	44,454	7,525	19,159	611	27	219	99,704
1937	4,282	1,871	877	19,188	45,755	7,489	19,002	426	158	69	99,117
1938	4,713	1,951	918	17,818	45,731	7,473	18,065 a	290	42	20	97,021
1939	4,686	1,943	904	17,875	43,344	7,637	16,494 b	215	235	19	93,352
1940	4,376	1,664	867	16,860	43,238	7,397	16,039 c	187	145	17	90,790
1941	4,446	1,489	587	14,974	43,726	6,815	16,615 d	144	37	16	88,849
1942	4,433	1,486	553	14,388	39,219	6,498	16,945 e	104	38	43	83,707
1943	4,337	1,316	1,300	13,064	35,807	6,485	18,052 f	164	14	*	79,369
1944	4,940	1,711	1,49	12,344	33,660	6,409	18,721 g	211	*	*	78,145
1945	4,588	1,954	195	11,400	32,888	5,877	19,127 h	207	29	*	76,265
1946	4,599	2,162	300	12,010	34,526	6,124	20,613	181	41	*	80,556
1947	4,891	2,319	152	12,381	33,869	6,636	20,302	127	53	*	80,730
1948	4,637	1,963	61	12,222	34,282	6,521	20,523 i	140	41	*	80,390
1949	4,420	1,760	83	11,702	35,040	6,009	20,047 j	104	44	*	79,209
1950	3,739	1,705	125	11,005	33,176	5,852	19,458 k	101	70	*	75,231
1951	3,872	1,496	153	10,410	30,596	5,583	18,159 m	79	9	*	70,357
1952	3,279	1,352	40	9,711	28,512	5,538	17,937 n	63	-	-	66,438
1953	2,987	1,298	71	8,496	23,974	4,949	15,116 o	61	-	-	56,982
1954	2,483	957	72	7,074	17,202	4,090	12,747	106	-	-	44,731
1955 #	2,197	1,121	203	4,954	14,399	4,380	10,123 p	20	-	-	37,397
1956	2,092	1,104	210	4,415	14,218	3,169	9,806 q	7	-	8	35,029
1957	1,892	1,143	191	4,309	12,442	3,239	9,544 r	7	-	-	32,767
1958	837	1,064	167	3,448	9,642	3,022	8,512 s	25	3	18	26,738
1959	613	853	208	3,235	8,397	2,857	7,923 t	22	-	4	24,112
1960	759	583	208	2,937	6,002	2,817	6,928 u	21	4	10	20,269
1961	349	416	201	2,167	5,126	2,689	5,998 v	16	3	6	16,971
1962	339	387	223	1,523	4,558	2,115	5,538 w	13	2	6	14,704
1963	387	366	187	1,239	4,626	1,994	5,497 x	13	-	14	14,323
1964	334	549	188	1,171	4,538	1,948	4,832 y	19	-	5	13,584
1965	200	288	159	992	4,167	1,647	4,363 z	17	3	3	11,839
1966	231	158	117	915	3,428	1,312	3,437 aa	15	5	3	9,621

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## THIRTY-EIGHT YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBER.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	1,325,996	498,917	566,352	9,879,932	17,094,203	4,008,190	10,214,942	85,557	350,847	20,205	44,054,141
1930	738,578	257,535	371,794	7,689,354	12,990,705	3,010,032	6,482,976	38,484	52,749	43,458	31,675,665
1931	730,607	230,208	349,013	6,288,064	10,359,468	2,100,810	4,748,290	38,404	46,601	67,648	28,959,113
1932	537,711	160,097	276,268	5,011,732	7,724,184	1,822,717	3,516,732	67,632	25,763	19,173,874	18,173,874
1933	455,966	157,495	244,098	4,462,932	7,539,709	1,681,984	3,601,752	54,129	38,976	64,680	18,301,721
1934	756,434	206,878	248,595	5,384,563	8,991,190	1,958,718	4,097,456	88,981	53,800	56,430	21,842,955
1935	727,462	178,122	195,668	4,301,651	7,899,403	1,724,406	3,570,398	85,202	87,390	44,585	18,814,287
1936	781,883	367,474	141,498	4,439,859	8,048,873	1,606,329	3,598,172	127,098	4,275	39,496	19,154,957
1937	725,560	378,726	176,737	3,564,769	8,680,115	1,395,236	3,406,363	52,506	13,648	9,714	18,403,374
1938	783,486	372,549	175,948	7,699,347	7,699,347	1,316,707	3,039,160	28,581	3,570	3,257	16,585,464
1939	821,611	318,779	185,320	3,225,238	8,234,943	1,483,189	2,888,408	21,382	43,656	2,735	17,225,261
1940	789,147	322,265	176,868	3,288,238	7,959,512	1,328,685	3,067,419	24,683	20,590	2,414	16,979,821
1941	846,859	274,325	129,826	3,063,605	8,586,535	1,479,290	3,260,577	27,035	5,708	2,544	17,676,304
1942	1,021,633	349,214	21,310	3,462,164	10,163,813	1,535,344	3,972,124	21,884	8,066	9,432	20,565,137
1943	1,156,102	351,130	37,313	3,571,795	9,902,178	1,680,211	4,659,538	39,286	3,276	*	21,400,826
1944	1,446,126	500,067	46,488	3,703,717	10,246,301	1,681,792	5,125,620	59,589	*	*	22,809,700
1945	1,213,929	522,380	50,878	3,075,875	9,007,593	1,516,281	4,783,602	53,892	5,054	*	20,229,484
1946	1,203,296	506,786	22,220	3,308,524	9,599,152	1,572,477	5,179,093	39,356	16,225	*	21,447,939
1947	1,320,100	626,568	2,873	3,382,378	9,602,447	1,790,633	5,639,097	23,233	5,202	*	22,392,531
1948	1,259,080	319,830	12,152	3,409,360	9,641,708	1,725,123	5,130,772	128,335	7,704	*	21,534,064
1949	870,672	511,400	9,353	2,618,620	6,578,335	1,405,854	4,338,959	12,760	16,320	*	16,362,473
1950	823,173	526,441	24,361	2,541,870	6,642,519	1,961,803	5,035,437	14,265	30,131	*	17,600,000
1951	738,600	369,305	27,540	2,540,001	6,110,011	1,693,285	4,340,356	13,652	2,250	-	15,715,000
1952	699,734	301,122	10,857	2,401,500	5,989,000	1,149,720	3,790,865	n	12,970	-	13,995,768
1953	502,738	211,212	9,945	1,397,249	4,083,055	880,576	2,676,234	o	8,875	-	10,169,884
1954	367,751	164,373	15,110	839,153	3,485,312	948,934	2,264,934	5,849	-	-	7,691,416
1955 #	377,622	152,351	31,643	842,613	3,015,005	519,882	1,768,767	p	-	-	6,709,836
1956	414,199	202,062	45,290	983,114	2,982,331	666,321	2,009,587	q	-	544	7,305,590
1957	267,133	213,100	39,381	825,397	2,364,390	670,163	1,803,776	1,820	-	-	6,185,180
1958	146,841	181,801	32,798	555,748	1,812,300	558,029	1,574,124	4,286	600	-	4,870,145
1959	88,229	142,597	32,264	602,415	1,370,903	535,469	1,382,621	t	2,950	536	4,157,984
1960	77,050	33,350	77,423	531,703	1,274,306	486,175	1,151,822	u	4,500	900	3,638,309
1961	79,052	69,179	32,200	438,525	1,139,925	408,027	1,149,644	v	4,176	696	3,321,787
1962	79,582	64,902	33,008	299,472	997,943	390,864	1,123,798	w	2,159	246	2,992,342
1963	102,359	55,766	38,158	259,189	1,098,611	432,184	1,100,426	x	368	2576	3,090,999
1964	68,057	104,052	37,552	250,347	1,057,471	408,207	1,002,987	y	-	310	2,930,607
1965	35,696	61,212	27,274	166,990	852,831	297,408	811,710	z	660	360	2,256,834
1966	43,001	37,488	21,965	107,826	729,437	233,434	652,550	aa	406	30	1,828,156

Man-days

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	278	225	277	276	270	273	271	121	298	295	271
1930	175	147	184	212	213	265	196	66	115	159	210
1931	176	178	198	185	175	185	185	66	183	198	180
1932	139	161	167	169	154	181	164	96	57	106	160
1933	134	156	191	209	170	211	167	75	192	127	179
1934	174	218	221	235	192	240	195	174	269	270	206
1935	147	135	193	206	181	222	181	143	217	198	187
1936	142	215	159	224	224	213	188	208	171	181	193
1937	169	202	201	186	190	186	180	123	86	141	186
1938	166	191	192	178	168	176	168 a	103	85	163	171
1939	175	164	205	180	190	194	175 b	100	186	144	185
1940	180	194	204	195	183	180	191 c	132	142	142	187
1941	190	184	221	205	196	217	196 d	188	154	159	199
1942	230	235	39	241	259	236	234 e	210	212	219	246
1943	267	267	287	273	277	259	258 f	239	234	*	269
1944	293	292	312	300	304	262	274 g	282	*	*	292
1945	265	267	261	270	274	258	250 h	260	174	*	265
1946	262	234	74	275	278	257	251	217	272	*	266
1947	269	270	139	272	283	269	277	183	255	-	277
1948	272	163	199	279	281	265	250 i	202	188	-	268
1949	197	291	115	224	188	234	216 j	123	260	-	207
1950	220	280	195	235	205	280	250 k	140	280	-	220
1951	193	227	180	250	222	240	241 m	192	250	-	233
1952	213	222	224	240	238	210	215 n	206	-	-	211
1953	168	163	140	164	187	178	177 o	146	-	-	179
1954	148	172	210	119	179	232	178	55	-	-	172
1955 #	172	136	156	171	209	119	175 p	97	-	-	179
1956	198	183	216	223	210	210	205 q	306	-	68	209
1957	141	186	196	192	190	207	189	260	-	-	189
1958	175	171	196	161	188	185	185 s	171	200	201	182
1959	144	167	155	186	163	187	175 t	134	-	134	172
1960	102	133	160	181	212	173	166 u	214	85	90	180
1961	227	166	160	202	222	242	192 v	261	121	116	196
1962	235	168	148	197	219	185	203 w	166	184	41	204
1963	264	152	204	209	237	217	200 x	133	-	184	216
1964	190	190	200	214	233	210	208 y	85	-	62	216
1965	187	188	171	168	223	180	196 z	158	220	120	191
1966	186	237	188	118	213	178	190 aa	148	81	10	190

Average  
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## THIRTY-EIGHT YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	11	11	7	125	193	38	110	-	1	-	496
1930	11	-	5	108	164	29	123	-	1	-	3
1931	6	4	4	116	151	32	67	1	-	3	384
1932	3	1	8	59	116	13	42	-	-	1	243
1933	3	-	1	59	110	14	43	2	-	-	232
1934	7	4	2	59	114	24	47	1	2	-	260
1935	4	3	7	50	123	16	61	3	-	-	267
1936	4	-	2	50	137	14	34	-	-	-	241
1937	5	6	9	35	102	15	38	1	-	1	212
1938	6	4	5	49	102	13	44	-	-	-	223
1939	7	5	3	46	108	13	27	-	1	-	210
1940	6	2	3	35	93	10	33	-	-	-	182
1941	8	2	2	37	98	7	35	-	-	-	189
1942	4	6	-	35	128	16	36	-	-	-	225
1943	7	5	-	36	103	13	54	-	-	-	218
1944	12	4	1	37	70	15	32	-	-	-	171
1945	6	6	-	27	53	13	32	1	-	-	138
1946	6	6	-	27	79	12	38	1	-	-	169
1947	4	5	-	25	104	13	15	-	-	-	166
1948	5	3	-	19	65	5	34	-	-	-	131
1949	3	1	-	8	60	2	18	-	-	-	92
1950	4	2	-	8	52	9	11	-	-	-	86
1951	4	3	-	13	44	8	22	-	-	-	94
1952	8	5	-	10	37	10	22	-	-	-	92
1953	3	1	-	7	30	3	15	-	-	-	59
1954	1	2	-	7	27	2	8	-	-	-	47
1955 #	5	-	-	5	32	6	12	-	-	-	60
1956	4	-	-	7	23	6	14	-	-	-	54
1957	3	4	1	7	20	6	10	-	-	-	51
1958	3	1	-	2	15	4	9	-	-	-	31
1959	1	2	-	6	24	4	9	-	-	-	46
1960	1	1	-	11	14	3	5	-	-	-	35
1961	1	1	-	1	10	4	5	-	-	-	19
1962	-	-	-	-	11	1	14	-	-	-	26
1963	-	-	-	-	12	4	9	-	-	-	30
1964	-	-	-	1	7	8	8	-	-	-	24
1965	-	2	1	-	2	1	2	-	-	-	8
1966	-	-	-	-	2	-	3	-	-	-	5

Fatal-  
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THIRTY-EIGHT YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LAKEWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	241,347	94,975	159,007	163,139	179,851	189,672	174,893	-	655,000	-	175,963
1930	159,467	-	173,473	141,786	167,415	232,734	127,425	-	91,296	-	154,902
1931	314,347	216,356	189,069	110,074	157,395	179,024	192,922	75,542	-	40,994	153,946
1932	607,304	497,966	84,135	198,801	166,621	369,938	249,515	-	-	52,502	203,710
1933	536,803	-	652,057	187,972	180,559	364,479	238,419	63,051	-	124,196	213,395
1934	293,953	229,380	315,918	210,861	188,056	240,296	274,722	189,070	89,618	-	218,458
1935	425,755	274,934	78,495	208,745	171,213	341,830	176,426	59,711	-	-	192,356
1936	468,449	-	200,379	223,094	155,584	372,014	362,748	-	-	-	225,162
1937	415,280	208,507	53,823	260,500	220,462	306,947	301,620	99,879	-	-	243,869
1938	324,629	289,478	85,174	172,241	199,664	314,676	222,141	-	-	102,858	207,487
1939	359,165	192,869	158,987	199,969	216,460	370,403	366,138	-	124,791	-	244,761
1940	362,558	513,183	168,519	264,556	243,785	449,946	340,672	-	-	-	283,112
1941	300,218	533,736	172,773	282,536	248,127	704,868	337,776	-	-	-	285,408
1942	699,200	166,354	-	266,983	201,307	330,995	375,568	-	-	-	257,509
1943	450,120	172,203	-	254,157	233,812	420,242	322,150	-	-	-	277,577
1944	303,740	286,985	-	254,796	354,429	382,896	588,581	-	-	-	374,927
1945	557,543	186,871	-	299,371	397,609	284,697	522,853	187,007	-	-	405,081
1946	527,701	242,959	-	335,494	288,236	528,566	495,037	105,862	-	-	366,738
1947	733,452	301,577	-	341,527	211,452	521,504	1,083,979	-	-	-	350,771
1948	560,379	559,632	-	453,204	332,162	1,387,468	508,104	-	-	-	451,212
1949	708,894	1,380,732	-	777,718	266,497	2,600,245	752,121	-	-	-	485,980
1950	497,079	640,904	-	815,808	329,091	579,034	1,278,772	-	-	-	538,829
1951	473,509	328,392	-	444,293	338,237	718,746	591,867	-	-	-	450,947
1952	237,412	152,130	-	530,355	372,296	532,615	530,890	-	-	-	435,512
1953	520,612	745,649	-	507,949	340,064	1,415,884	676,192	-	-	-	516,871
1954	1,272,419	284,366	-	414,781	395,377	1,641,657	979,584	-	-	-	566,219
1955 #	349,938	-	-	518,986	310,040	458,231	971,472	-	-	-	432,247
1956	436,572	-	-	461,795	424,468	587,476	628,672	-	-	-	521,771
1957	369,014	212,520	195,499	382,916	419,463	569,269	851,832	-	-	-	493,401
1958	-	888,009	-	1,047,085	451,602	650,208	811,982	-	-	-	659,886
1959	518,252	346,112	-	357,971	257,197	637,901	1,061,726	-	-	-	427,622
1960	519,583	474,234	-	168,455	384,335	804,866	1,386,229	-	-	-	506,318
1961	579,106	-	-	1,194,971	530,795	668,093	1,703,547	-	-	-	868,769
1962	-	-	-	-	553,688	1,702,891	469,279	-	-	-	634,474
1963	727,455	445,749	-	321,491	534,365	520,742	720,548	-	-	-	580,373
1964	-	-	-	879,898	807,129	283,385	747,312	-	-	-	688,529
1965	-	208,136	196,495	-	2,673,338	1,600,886	2,747,459	-	-	-	1,778,727
1966	-	-	-	-	2,239,108	-	1,541,344	-	-	-	2,406,275

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## THIRTY-EIGHT YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	8.30	22.05	12.36	12.65	11.29	9.48	10.77	-	2.85	-	11.26
1930	14.89	-	13.45	14.05	12.62	9.63	18.97	-	18.96	69.03	14.02
1931	8.21	17.38	11.46	18.45	14.58	15.23	14.11	26.04	-	44.35	15.39
1932	5.58	6.25	28.96	11.77	15.02	7.13	11.94	-	-	32.02	12.67
1933	6.58	-	4.10	13.22	14.59	8.32	11.94	36.95	-	-	12.68
1934	9.25	19.34	8.05	10.96	12.68	12.25	11.47	11.25	37.17	-	14.19
1935	5.50	16.84	35.77	11.62	15.57	9.28	17.08	35.21	-	-	12.58
1936	5.12	-	14.13	11.26	17.02	8.71	9.45	-	-	-	11.52
1937	6.89	15.84	50.92	9.82	11.75	10.75	11.16	19.04	-	102.94	13.45
1938	7.66	10.74	28.42	15.49	13.25	9.87	14.48	-	-	-	12.19
1939	8.52	15.68	16.19	14.26	13.11	8.76	9.35	-	22.91	-	10.72
1940	7.60	6.21	16.96	10.64	11.68	7.53	10.76	-	-	-	10.59
1941	9.45	7.29	15.41	12.08	11.41	4.73	10.73	-	-	-	10.94
1942	3.92	17.18	-	10.11	12.59	10.42	9.06	-	-	-	10.19
1943	6.05	14.24	-	10.08	10.40	7.74	11.59	-	-	-	7.50
1944	8.30	8.00	21.51	9.99	6.83	8.92	6.24	-	-	-	6.82
1945	4.94	11.49	-	8.78	5.88	8.57	6.69	18.56	-	-	7.88
1946	4.99	11.84	-	8.16	8.23	7.63	7.34	25.41	-	-	7.41
1947	3.03	7.98	-	7.39	10.83	7.26	2.66	-	-	-	6.08
1948	3.97	9.38	-	5.57	6.74	2.90	6.63	-	-	-	5.62
1949	3.45	1.96	-	3.06	9.12	1.42	4.15	-	-	-	4.89
1950	4.86	3.80	-	3.15	7.83	4.59	2.18	-	-	-	5.98
1951	5.42	8.12	-	5.37	7.20	4.72	5.07	-	-	-	6.57
1952	11.43	16.60	-	4.90	6.18	8.70	5.80	-	-	-	5.80
1953	5.97	4.73	-	5.01	6.69	3.41	5.60	-	-	-	6.11
1954	2.72	1.22	-	8.34	8.75	2.11	3.53	-	-	-	8.94
1955 #	13.24	-	-	5.93	10.61	11.54	6.78	-	-	-	7.39
1956	9.66	-	-	7.12	7.71	9.00	6.07	-	-	-	8.25
1957	11.23	18.77	25.39	8.48	8.46	8.95	5.54	-	-	-	6.37
1958	-	5.50	-	3.60	8.28	7.17	5.72	-	-	-	11.06
1959	11.33	14.03	-	9.96	17.51	7.47	6.51	-	-	-	9.62
1960	12.86	12.92	-	20.68	10.99	6.17	4.34	-	-	-	5.72
1961	12.65	-	-	2.28	8.77	7.35	3.47	-	-	-	8.69
1962	-	-	-	-	11.02	2.56	12.46	-	-	-	9.71
1963	9.77	17.93	-	11.57	10.92	9.26	8.18	-	-	-	8.19
1964	-	-	-	3.99	6.62	19.60	7.98	-	-	-	3.54
1965	-	32.67	36.66	-	2.35	3.36	2.46	-	-	-	2.73
1966	-	-	-	-	2.74	-	4.60	-	-	-	-

Fatal-  
ities

per

mil-

lion

man-

days

EXPLANATION OF SYMBOLS USED IN THIS REPORT

a -	Includes	6,184	tons	13	employees,	124	days	and	1,612	man-days	for	Lebanon	County
b -	"	13,927	"	5	"	198	"	"	990	"	"	"	"
c -	"	17,330	"	13	"	136	"	"	1,773	"	"	"	"
d -	"	30,716	"	26	"	187	"	"	4,856	"	"	"	"
e -	"	35,641	"	39	"	118	"	"	4,593	"	"	"	"
f -	"	21,981	"	22	"	257	"	"	5,654	"	"	"	"
g -	"	21,550	"	14	"	210	"	"	2,940	"	"	"	"
h -	"	37,690	"	41	"	241	"	"	9,881	"	"	"	"
i -	"	21,982	"	6	"	223	"	"	1,338	"	"	"	"
j -	"	21,763	"	7	"	226	"	"	1,582	"	"	"	"
k -	"	22,978	"	5	"	267	"	"	1,335	"	"	"	"
m -	"	26,567	"	13	"	308	"	"	2,020	"	"	"	"
n -	"	24,767	"	11	"	286	"	"	2,156	"	"	"	"
o -	"	6,560	"	10	"	46	"	"	460	"	"	"	"
p -	"	3,752	"	20	"	120	"	"	2,408	"	"	"	"
q -	"	6,359	"	22	"	107	"	"	2,358	"	"	"	"
r -	"	3,550	"	5	"	188	"	"	940	"	"	"	"
s -	"	9,106	"	6	"	98	"	"	588	"	"	"	"
t -	"	4,450	"	6	"	153	"	"	918	"	"	"	"
u -	"	2,770	"	3	"	230	"	"	690	"	"	"	"
v -	"	13,654	"	5	"	72	"	"	360	"	"	"	"
w -	"	13,101	"	7	"	118	"	"	824	"	"	"	"
x -	"	26,192	"	15	"	192	"	"	2,893	"	"	"	"
y -	"	33,019	"	14	"	124	"	"	1,737	"	"	"	"
z -	"	43,000	"	10	"	163	"	"	1,630	"	"	"	"
aa -	"	39,237	"	9	"	70	"	"	634	"	"	"	"

NOTE: The year 1924 was selected as a normal year, in order that comparison might be made with the depression years that are a part of this report.

\* Not segregated from Lackawanna County.

# In 1955, and subsequent years, the production, employes, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in the County totals.



ANTHRACITE DIVISION  
PRODUCTION OF COAL, EMPLOYES AND FATALS BY COUNTY  
1966

County	Mines Employing Five or More Persons				Mines Employing Fewer Than Five Persons		Percentage of Total Production		Employees by County				Washery and Bank Breaker	Total Employ-ment	Total Fatal-ities
	Deep Mined Production	Strip Mined Production	Bank Mined Production	Deep Mined Production	Deep Mined Production	Total Production	Deep	Small	Strip	Bank	Breaker	es			
Carbon	31,093	288,659	187,309	663		507,724	36	5	125	35	35	35		231	-
Columbia	66,911	188,911	27,496	16,304		299,622	89	32	63	2	2	4		158	-
Dauphin	2,938	-	140,495	24,135		167,568	51	46	2	12	52	117		-	-
Lackawanna	127,723	269,874	100,381	3,209		501,187	508	18	173	41	193	915		-	-
Lebanon	-	39,206	31	-		39,237	-	-	8	1	-	9		-	-
Luzerne	1,870,280	1,560,034	1,047,404	499		4,478,217	2,009	11	594	200	625	3,428		2	-
Northumberland	283,680	556,125	352,891	238,718		1,431,414	761	321	152	75	324	1,312		-	-
Schuylkill	1,159,726	2,394,149	805,414	225,506		4,584,795	1,291	376	1,088	167	882	3,428		3	-
Sullivan	-	20,474	-	-		20,474	-	-	12	-	3	15		-	-
Susquehanna	-	-	1,137	-		1,137	-	-	2	2	1	5		-	-
Wayne	-	-	-	-		-	3	3	-	-	-	3		-	-
Division Total	3,542,351	5,317,432	2,662,558	509,034		12,031,375	4,748	812*	2,219	535	2,119	9,621		5	-
Percentage of Total Production	29.4%	44.2%	22.13%	4.23%		100.00%									

\* 812 small deep employees included in deep employees total.



ANTHRACITE PRODUCTION (DEEP MINED, STRIPPING AND BANK), FATALITIES, PRODUCTION PER FATAL AND EMPLOYES  
BY DISTRICT  
1966

Dis- trict	Inspector	Deep Mined	Stripping	Bank	Total Production	Fatal- ities Deep	Fatal- ities Strip	Fatal- ities Bank	Total Fatal- ities	Production Per Fatal	TOTAL EMPLOYES
1	T. M. Beaney	-	868,920	-	868,920	-	-	-	-	-	473
2	R. O. Schneider	-	1,883,716	-	1,883,716	-	-	-	-	-	735
3	J. R. Ruane	-	1,477,949	-	1,477,949	-	-	-	-	-	621
4	Walter Davis	-	1,086,847	-	1,086,847	-	-	-	-	-	402
10	W. A. Sanders	33,800	-	32,800	66,600	-	-	-	-	-	229
11	G. F. Kettle	985,750	-	102,327	1,088,077	1	-	-	1	1,088,077	952
12	J. A. Bugel	164,362	-	142,054	306,416	-	-	-	-	-	258
13	W. R. Devens	485,515	-	278,941	764,456	-	-	-	-	-	1,413
15	A. A. Joyce	519,382	-	782,473	1,301,855	1	-	-	1	1,301,855	1,133
16	F. C. O'Connor	488,222	-	-	488,222	3	-	-	3	162,740	366
17	C. E. Kashner	153,869	-	27,613	181,482	-	-	-	-	-	168
18	J. J. Shober, Jr.	123,708	-	244,179	367,887	-	-	-	-	-	372
19	A. J. Latz	113,962	-	118,997	232,959	-	-	-	-	-	316
20	G. P. Gallagher	81,376	-	206,166	287,542	-	-	-	-	-	202
21	C. E. Miller	242,110	-	22,961	265,071	-	-	-	-	-	285
23	G. P. Gallagher, Actg.	57,808	-	590	58,398	-	-	-	-	-	127
24	A. E. Hand	98,852	-	44,504	143,356	-	-	-	-	-	512
26	P. P. Hino	92,081	-	584,778	676,859	-	-	-	-	-	611
28	Leon Brass	163,839	-	-	163,839	-	-	-	-	-	157
29	H. R. Reese	12,676	-	74,018	86,694	-	-	-	-	-	44
30	W. D. Maurer	234,073	-	157	234,230	-	-	-	-	-	245
Division Total		4,051,385	5,317,432	2,662,558	12,031,375	5	-	-	5	2,406,275	9,621

SUMMARY OF ANTHRACITE MINES, PRODUCTION AND FATALITIES BY DISTRICT  
1966

District	Inspector	Total Number of Operators	No. of Large Mines	No. of Deep Mines	No. of Small Mines	No. of No. of Strip Mines	No. of No. of Breaker Em.	No. of No. of Washery & Total Em.	Deep Mined Production*	Strip Mined Production	Bank Mined Production	Total Production	Fatalities	Production Per Fatal
1	M. Beane	23	57	57	57	461	12	473	868,920	1,883,716	-	868,920	-	-
2	J. P. Rineholder	9	62	62	62	435	-	435	1,883,716	1,883,716	-	1,883,716	-	-
3	J. P. Rineholder	26	69	69	69	435	-	435	1,883,716	1,883,716	-	1,883,716	-	-
4	Walter Davis	16	34	34	34	402	-	402	1,883,716	1,883,716	-	1,883,716	-	-
10	W. A. Sanders	22	10	6	17	95	17	117	33,800	985,750	32,800	1,066,600	-	-
11	G. F. Kettle	8	12	-	12	818	27	107	952	164,362	142,054	306,416	-	-
12	A. Bugel	49	43	32	4	176	13	308	1,413	485,515	278,941	764,456	-	-
13	W. A. Bugel	29	15	15	6	176	13	308	1,413	485,515	278,941	764,456	-	-
14	A. Joyce	28	10	4	14	24	6	30	1,166	488,222	1,088,077	1,576,300	-	-
15	F. C. O'Connor	42	42	18	20	22	299	67	166	488,222	1,088,077	1,576,300	-	-
16	C. E. Kashner	29	21	21	3	32	4	22	168	153,869	27,613	181,482	-	-
17	J. J. Shober, Jr.	53	30	20	12	42	5	25	133	372	244,179	367,887	-	-
18	A. J. Latt	47	35	20	7	42	11	24	158	22	118,997	232,959	-	-
19	C. E. Miller	33	31	11	11	117	45	40	202	81,376	206,166	287,542	-	-
20	C. E. Miller	51	50	31	19	117	45	40	202	81,376	206,166	287,542	-	-
21	G. P. Gallagher, Actg.	20	18	12	2	14	118	4	127	57,808	22,590	80,398	-	-
22	A. E. Hand	28	12	10	2	14	11	267	512	98,852	44,504	143,356	-	-
23	P. P. Hino	46	33	19	15	48	9	24	174	105	584,778	676,859	-	-
24	Leon Grass	33	32	28	2	12	4	28	144	163,839	74,018	237,857	-	-
25	R. P. Hesse	13	10	9	1	29	-	10	5	12,676	-	12,676	-	-
26	W. P. Hesse	22	10	10	2	182	-	62	295	234,073	-	234,073	-	-
Division Total		629#	425	261*	100	192#	535	2,119	9,621	4,051,385	2,662,558	12,031,375	5	2,406,275

NOTE: # Due to some companies operating in more than one district, the actual total number of Anthracite Operators is 562.

\* 261 Small Deep Mines are included in the total number of Anthracite Strip Operators is 70.

Employees: 509,034 Small Deep Production is included in Deep Mined Production.

Production, How Shipped, Average Days Worked, Employees, Explosives  
Fatal and Non-fatal Accidents

By Inspection District - 1966

Dis- trict	Production - Net Tons				Pounds		Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
	Shipped By railroad	Shipped By truck	Sold to local trade	Used at colliery for steam and heat	Total production	permiss- ible ex- plosives used				
1	370,488	187,675	305,876	4,881	868,920	927,140	229	473	-	5
2	885,606	737,206	253,070	7,834	1,883,716	-	223	735	-	38
3	542,154	773,119	161,138	1,538	1,477,949	-	197	621	-	31
4	575,712	247,802	262,495	838	1,086,847	11,515,870	165	402	-	30
10	16,409	17,143	32,559	489	66,600	45,840	170	229	-	8
11	406,917	363,056	260,851	57,253	1,088,077	1,010,700	222	952	1	167
12	142,763	82,431	80,765	457	306,416	101,975	209	258	-	11
13	267,625	324,333	170,579	1,919	764,456	532,400	139	1,413	-	111
15	800,000	337,439	163,745	671	1,301,855	566,100	205	1,133	1	142
16	51,426	210,872	224,442	1,482	488,222	291,690	236	366	3	24
17	33,142	114,527	33,525	288	181,482	80,305	205	168	-	2
18	122,226	177,967	66,926	768	367,887	65,660	185	372	-	20
19	78,338	111,236	42,707	678	232,959	81,315	175	316	-	19
20	116,182	119,454	50,606	1,300	287,542	60,537	186	202	-	5
21	49,094	164,500	50,883	594	265,071	195,865	187	285	-	7
23	31,847	16,198	10,247	106	58,398	44,195	139	127	-	2
24	13,927	105,473	23,636	320	143,356	42,250	162	512	-	34
26	491,433	72,028	112,886	512	676,859	52,449	169	611	-	62
28	40,471	71,032	52,207	129	163,839	81,185	250	157	-	1
29	50,387	36,307	-	-	86,694	4,150	137	44	-	-
30	50,154	107,482	76,418	176	234,230	125,225	222	245	-	33
Total	5,136,301	4,377,280	2,435,561	82,233	12,031,375	15,824,851	190	9,621	5	752

ANTHRACITE DIVISION  
SMALL MINE REPORT - 1966\*

Dis- trict	Number of Small Mine Operators	Number of Small Mines	Number of Men Employed in Small Mines	Small Mine Production	Fatal Acci- dents	Non- fatal Acci- dents	Number of Man-Days
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
10	6	6	21	3,209	-	-	1,319
11	-	-	-	-	-	-	-
12	32	32	108	60,478	-	1	12,855
13	-	-	-	-	-	-	-
15	4	4	15	1,993	-	-	843
16	18	18	43	27,855	-	-	4,588
17	21	21	67	50,263	-	-	11,396
18	20	20	47	13,924	-	-	4,626
19	20	20	64	28,383	-	3	7,249
20	21	21	67	32,914	-	-	10,337
21	31	31	83	61,996	-	1	12,433
23	12	12	37	15,952	-	-	6,677
24	10	10	33	20,597	-	-	5,468
26	19	19	56	17,430	-	-	12,467
28	28	28	110	118,714	-	1	27,522
29	9	9	28	12,236	-	-	3,528
30	10	10	33	43,090	-	-	5,476
Total	261	261	812	509,034	-	6	126,784

\* All figures included in report of Summary of Anthracite Mines, Production and Fatalities By District.

ANTHRACITE DIVISION

District	Mechanical Loading				Electric Motors			Pumps Delivering Water to Surface	
	Number of Scrapers, Conveyors or Shaker Chutes	Number of Undercutting or Mining Machines	Number of Loading Machines	Number of Tons Produced by Mechanical Loading	Number of Employees engaged in this class of work	Total Horsepower	Total Number	Number delivered per day of 24 hours	Number of Gallons delivered per day of 24 hours
1	-	-	-	-	-	22	813	2	14,400,000
2	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	1	3,780,000
4	-	-	-	-	-	2	600	2	797,410
10	27	-	-	29,029	57	233	4,875	1	720,000
11	201	-	3	928,561	430	591	32,532	18	16,603,074
12	4	-	6	167,890	19	228	3,057	26	948,000
13	155	-	9	446,133	567	1,257	48,338	16	32,174,000
15	94	2	7	516,569	280	750	27,779	23	18,539,400
16	16	-	9	138,029	47	303	8,995	66	2,320,600
17	5	-	-	44,382	20	134	3,860	29	1,239,007
18	12	-	2	48,932	18	453	12,879	10	71,400
19	16	-	-	35,751	25	573	10,138	20	5,513,676
20	5	-	4	210,721	44	114	3,326	7	3,671,060
21	14	-	10	102,990	46	222	3,484	32	1,189,500
23	6	-	-	5,960	22	51	2,176	5	1,551,326
24	38	-	1	107,911	152	31	262	15	3,148,000
26	9	3	3	15,678	25	445	13,529	9	9,943,434
28	7	-	2	45,376	15	101	2,445	30	140,000
29	5	-	9	76,518	9	20	245	3	20,000
30	8	-	-	74,590	41	293	7,288	38	4,071,000
Total	622	2	66	2,995,020	1,817	5,823	186,621	353	120,840,887

SUMMARY OF EMPLOYES BY DISTRICT  
ANTHRACITE DIVISION—1966

Dis- trict	INSIDE EMPLOYEES					OUTSIDE EMPLOYEES					GRAND TOTAL Inside & Outside
	Mine Foreman	Miners	Miners Laborers	All Other	Total Inside	Super- intendents	Office	Breaker	All Other	Total Outside	
1	-	-	-	-	-	36	8	12	417	473	473
2	-	-	-	-	-	64	30	-	641	735	735
3	-	-	-	-	-	39	4	-	578	621	621
4	-	-	-	-	-	24	2	-	376	402	402
10	11	26	36	3	76	7	2	117	27	153	229
11	42	206	257	125	630	12	12	107	191	322	952
12	38	68	20	-	126	5	-	69	58	132	258
13	33	212	386	147	778	13	11	307	304	635	1,413
15	24	146	187	168	525	5	7	368	228	608	1,133
16	49	158	9	28	244	3	1	67	51	122	366
17	36	53	11	-	100	5	-	22	41	68	168
18	31	57	5	4	97	8	1	185	81	275	372
19	32	75	17	1	125	-	-	136	55	191	316
20	28	44	13	-	85	14	4	40	59	117	202
21	67	86	29	-	182	4	-	33	66	103	285
23	23	59	3	8	93	8	-	-	21	34	127
24	30	159	25	40	254	2	-	239	17	258	512
26	35	65	14	5	119	3	4	332	153	492	611
28	35	54	13	-	102	2	1	13	39	55	157
29	10	11	6	-	27	2	1	5	9	17	44
30	23	69	42	8	142	5	4	62	32	103	245
Total	547	1,548	1,073	537	3,705	261	92	2,119	3,444	5,916	9,621



## ANTHRACITE DIVISION

## OPERATORS PRODUCING 50,000 OR MORE TONS

1966

Dis- trict	Operator	Production
1-10-11-13-15	Blue Coal Corporation	1,540,632
3-4-18-		
19-23-26	Reading Anthracite Co.	1,182,034
1-2-3-11-		
13-15-26	Lehigh Valley Anthracite, Inc.	1,073,808
2-15-26	Jeddo-Highland Coal Co.	816,846
2	Greenwood Stripping Corporation	696,023
11	Glen Nan Coal Co., Inc.	625,123
13-15-20-29	Racho, George	492,964
3-26	Gilberton Coal Co.	413,021
12-20	Gangloff Brothers	188,000
1	Carbondale Coal Co.	185,493
3	Kerris & Helfrich, Inc.	185,191
2-15	Honeybrook Mines, Inc.	165,114
3-26	Capparell Stripping & Construction Co., Inc.	159,509
18-19-21	Manbeck Dredging Co., Inc.	131,800
20	State Coal Co., Inc.	119,679
30	Mercury Coal Co., Inc.	105,347
2-15	Huss, George	91,038
3-24	Rosini Coal Co.	84,504
13	United Gas Improvement Co.	82,101
1-13	Moffat Coal Co., Inc.	81,002
1-13	Scranton Excavating Co.	79,531
30	Penag Coal Co.	56,122
16	R. & K. Coal Co.	55,587
16	Bush Coal Co.	51,453
4-30	Anthracite Fine Coals, Inc.	51,347

PRODUCTION AND ACCIDENT RECORD  
FOR OPERATORS HAVING A FATALITY

1966

Operator	Deep Mined	Stripping	Bank	Total Production	Deep	Fatal Accidents Strip	Bank	Total	Non- Fatal	Production Per Fatal	Employees
Blue Coal Corporation	1,159,777	293,525	87,330	1,540,632	2	-	-	2	261	770,361	1,695
Lengel Coal Co., Warren	3,110	-	-	3,110	3	-	-	3	1	1,036	5
Total production for operators with a fatality	1,162,887	293,525	87,330	1,543,742	5	-	-	5	262	308,748	1,700
Total production for operators without a fatality	2,888,498	5,023,907	2,575,228	10,487,633	-	-	-	-	490	-	7,921
Division Total	4,051,385	5,317,432	2,662,558	12,031,375	5	-	-	5	752	2,406,275	9,621

CAUSES OF ANTHRACITE FATAL ACCIDENTS, BY COUNTY, 1966

	Carbon	Columbia	Dauphin	Lackawanna	Lebanon	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Percentage of total accidents
<u>INSIDE</u>													
Falls of Roof, Face or Sides	-	-	-	-	-	2	-	3	-	-	-	5	100.00%
Total Inside	-	-	-	-	-	2	-	3	-	-	-	5	100.00%
<u>OUTSIDE</u>													
No outside fatalities	-	-	-	-	-	2	-	3	-	-	-	5	100.00%
GRAND TOTAL	-	-	-	-	-	2	-	3	-	-	-	5	100.00%
Percentage of total accidents	-	-	-	-	-	40.00%	-	60.00%	-	-	-	-	100.00%

## ANTHRACITE FATAL ACCIDENT VICTIMS - 1966

Dis- trict	Name of Victim	Victim's Address	Company	Mine	Date of Accident	Cause of Accident
11	James Parini	Exeter	Blue Coal Corporation	Ought Tunnel-Sugar Notch Colliery	June 10	Roof Fall
16	• Russell Delbert	Wiconisco	Warren Lengel Coal Co.	No. 1 Vein Slope	Sep. 14	Roof Fall
16	• John Hnatishon	St. Clair	Warren Lengel Coal Co.	No. 1 Vein Slope	Sep. 14	Roof Fall
16	• Stanley Gravish	Cumbola	Warren Lengel Coal Co.	No. 1 Vein Slope	Sep. 14	Roof Fall
15	Ignatz Perlick	Plymouth	Blue Coal Corporation	Wanamie No. 18	Dec. 9	Roof Fall

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1966

Year	Date	Colliery	Company	Location of colliery	Cause of Accident	Number Killed
1847	Feb.	Spencer	Spencer Coal Co.	Pottsville	Explosion of gas	7
1869	Sep. 6	Avondale	Delaware, Lackawanna & Western Railroad Co.	Plymouth	Mine fire	110
1870	Mar. 22	Potts	Locust Dale Coal Co.	Locust Dale	Boiler explosion	5
	Aug. 10	Heins & Glassmire	Heins & Glassmire	Middleport	Cage fell down shaft	9
	Aug. 29	Preston #3	Preston Coal & Improvement Co.	Girardville	Car fell down slope	7
1871	May 27	West Pittston	Lehigh Valley Railroad Co.	West Pittston	Suffocated by smoke from burning breaker	20
	Oct. 2	Otto Red Ash	Cain, Hacker & Cook	Branch Dale	Explosion of gas	5
1873	June 10	Henry Clay	Langdon & Co., R.	Shamokin	Explosion of gas	10
1877	May 9	Wadesville	Wadesville Shaft Colliery	Wadesville	Explosion of gas	7
1878	Jan. 15	Potts	Philadelphia & Reading Coal & Iron Co.	Locust Dale	Explosion of gas	5
1879	May 6	Audenried	Lehigh & Wilkes-Barre Coal Co.	Audenried	Explosion of gas	6
	Nov. 2	Mill Creek	D. & H. Canal Co.	Mill Creek	Explosion of gas	5
1880	May 3	Lykens Valley	Short Mountain & Lehigh Valley Coal Co.	Shamokin	Explosion of gas	5
1882	May 24	Kohinoor	Heckscher & Co., R.	Shenandoah	Explosion of gas	5
1884	Aug. 21	Buck Ridge	Philadelphia & Reading Coal & Iron Co.	Shamokin	Mine fire	7
1885	Apr. 6	Cuyler	Heaton & Co., S. M.	Raven Run	Fall of roof	10
	Aug. 11	West End	West End Coal Co.	Mocanqua	Suffocated by gas from boiler fire	10
	Oct. 21	Plymouth No. 2	D. & H. Coal Co.	Plymouth	Explosion of gas	6
	Dec. 18	Nanticoke No. 1	Susquehanna Coal Co.	Nanticoke	Inrush of quicksand	26
1886	Aug. 30	Fair Lawn	Fair Lawn Coal Co.	Scranton	Explosion of gas	6
	Sep. 13	Marvine	D. & H. Coal Co.	Scranton	Suffocated by gas	8
	Nov. 26	Conyngham	D. & H. Coal Co.	Wilkes-Barre	Explosion of gas	12
1887	Oct. 27	Tunnel	Philadelphia & Reading Coal & Iron Co.	Ashland	Suffocated by gas	5
	Oct. 1	Bast	Philadelphia & Reading Coal & Iron Co.	Big Mine Run	Explosion of gas	5
1889	May 9	Kaska, William	L. C. & N. Co.	Middleport	Car fell on cage in shaft	10
1890	Feb. 1	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	8
	Mar. 3	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	8
	Apr. 2	Susquehanna No. 4	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5
	May 15	Jersey No. 8	Lehigh & Wilkes-Barre Coal Co.	Ashley	Explosion of gas	26
1891	Feb. 4	Spring Mountain No. 1	Spring Mountain Coal Co.	Jeanesville	Drowned-water from old workings	13
	Oct. 23	Richardson	Philadelphia & Reading Coal & Iron Co.	Glen Carbon	Suffocated by gas	7
	Nov. 8	Susquehanna No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	12
1892	Apr. 20	Lytle	Lytle Coal Co.	Minersville	Drowned-water from old workings	10

## ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1966

Year	Date	Colliery	Company	Location of colliery	Cause of Accident	Number Killed
1892	July 23	York Farm	Lehigh Valley Coal Co.	Pottsville	Explosion of gas	15
1893	Apr. 1	Neilson	Langdon & Co., Inc., A. L.	Shamokin	Mine fire	10
	July 22	Susquehanna No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5
	Sep. 21	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	6
1894	Feb. 13	Gaylor	Kingston Coal Co.	Plymouth	Fall of roof	13
	July 17	East Sugar Loaf	Linderman & Skeer	Stockton	Explosion of powder & dynamite	8
	Oct. 8	Luke Fidler	Mineral Railroad & Mining Co.	Shamokin	Mine fire	5
	Oct. 11	Henry Clay	Philadelphia & Reading Coal & Iron Co.	Shamokin	Boiler explosion	6
1895	Feb. 18	West Bear Ridge	Philadelphia & Reading Coal & Iron Co.	Mahanoy Plane	Explosion of gas	5
	Oct. 7	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	7
1896	June 28	Twin	Newton Coal Co.	Pittston	Fall of Roof	58
	Oct. 29	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
1897	Jan. 13	Wadesville	Philadelphia & Reading Coal & Iron Co.	Wadesville	Crosshead fell down shaft	5
	Sep. 28	Jermyn No. 1	Jermyn & Co.	Pendham	Mine fire	5
	Oct. 30	Von Storch	D. & H. Coal Co.	Scranton	Mine fire	6
1898	May 26	Kaska, William	Dodson Coal Co.	Middleport	Drowned-water from old workings	6
	Oct. 1	Midvale	Lehigh Valley Coal Co.	Wilkes-Barre	Mine fire	5
1900	Nov. 5	Exeter	Lehigh Valley Coal Co.	West Pittston	Car fell on cage in shaft	9
1901	Nov. 9	Buck Mountain	Mill Creek Coal Co.	Mahanoy City	Explosion of gas	7
1902	Oct. 25	Buttonwood	Parrish Coal Co.	Plymouth	Explosion of gas	6
	Nov. 29	Luke Fidler	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	7
	Dec. 9	S. Wilkes-Barre	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	5
1904	Jan. 30	Maple Hill	Philadelphia & Reading Coal & Iron Co.	Mahanoy City	Explosion of powder & dynamite	5
	May 5	Lance	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of powder & dynamite	5
	May 5	Locust Gap	Philadelphia & Reading Coal & Iron Co.	Locust Gap	Mine fire	5
	May 25	Williamstown	Summit Branch Mining Co.	Williamstown	Suffocated by gas from mine locomotive	10
1905	Nov. 2	Auchincloss	Delaware, Lackawanna & Western Railroad Co.	Nanticoke	Falling down shaft	10
	Feb. 18	Lytle	Lytle Coal Co.	Minersville	Fall of roof	5
	Mar. 9	Clear Spring	Clear Spring Coal Co.	West Pittston	Falling down shaft	7
1906	Apr. 26	Conyngham	D. & H. Coal Co.	Wilkes-Barre	Falling down shaft	10
	May 15	Shanandoah City	Philadelphia & Reading Coal & Iron Co.	Shanandoah	Explosion of powder & dynamite	7
1907	Aug. 6	Susquehanna No. 7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	6
1908	Mar. 2	Holden	Delaware, Lackawanna & Western Railroad Co.	Taylor	Explosion of gas	7
	June 18	Johnson No. 1	Scranton Coal Co.	Priceburg	Explosion of gas	12
	May 12	Mount Lookout	Temple Iron Co.	Wyoming	Explosion of gas	12
	May 13	Prospect	Lehigh Valley Coal Co.	Midvale	Fall of roof	5
	July 15	Williamstown	Summit Branch Mining Co.	Williamstown	Explosion of powder & dynamite	6
	Aug. 28	Warrior Run	Lehigh Valley Coal Co.	Wilkes-Barre	Mine cars	6



## ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1947 - 1966

Year	Date	Colliery	Company	Location of colliery	Cause of Accident	Number Killed
1909	Mar. 2	Pennsylvania No. 14	Pennsylvania Coal Co.	Pittston	Explosion of gas	8
	Nov. 9	Auchincloss	Glen Alden Coal Co.	Nanticoke	Mine fire	9
1910	Jan. 11	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
	Mar. 12	S. Wilkes-Barre No. 5	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	7
1911	Apr. 7	Pancoast	Price-Pancoast Coal Co.	Throop	Mine fire	72
	May 10	Plymouth No. 5	Delaware & Hudson Co.	Dorranctown	Suffocated by gas from underground fire	5
	May 27	Cameron	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	5
	Sep. 12	Marvine	Delaware & Hudson Co.	Scranton	Mine cars	5
	Oct. 3	Drifton No. 2	Coxe Bros. Co., Inc.	Freeland	Cave-in	5
1912	Jan. 9	Parrish	Parrish Coal Co.	Plymouth	Explosion of gas	6
1913	Aug. 2	East Brookside	Philadelphia & Reading Coal & Iron Co.	Tower City	Explosion of gas	20
1914	May 29	Maryd	Maryd Coal Co.	Maryd	Overwinding of cage	6
	Sep. 16	Lehigh No. 4	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	7
	Dec. 9	Diamond	Delaware, Lackawanna & Western Railroad Co.	Scranton	Falling down shaft	13
1915	Feb. 17	Prospect	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	13
1916	Feb. 8	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
	Mar. 9	Hollenback No. 2	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
	Aug. 8	Woodward	Delaware, Lackawanna & Western Railroad Co.	Edwardsville	Explosion of gas	6
1919	June 5	Baltimore Tunnel	Hudson Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	92
	July 8	Lansford	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	8
1921	Mar. 9	Rahn	Lehigh Coal & Navigation Co.	Seek	Explosion of gas	5
1922	Nov. 3	Eddy Creek	Hudson Coal Co.	Scranton	Premature blast	6
1923	Feb. 21	Alliance	Alliance Coal Mining Co.	Middleport	Explosion of gas	5
	June 26	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
	Dec. 8	Mount Jessup No. 2	Mount Jessup Coal Co.	Jessup	Fall of roof	5
1924	June 6	Loomis	Glen Alden Coal Co.	Nanticoke	Explosion of gas	14
1925	May 22	Woodward	Glen Alden Coal Co.	Edwardsville	Explosion of gas	7
	Aug. 3	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	10
1926	May 6	Randolph	So. Penn Collieries Co.	Port Carbon	Explosion of gas	5
	July 3	Pettebone	Glen Alden Coal Co.	Kingston	Explosion of gas	7
	Oct. 30	Susquehanna No. 7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	9
1927	May 26	Woodward	Glen Alden Coal Co.	Edwardsville	Fall of roof, followed by an explosion of gas	7
1928	May 25	Baltimore No. 5	Hudson Coal Co.	Wilkes-Barre	Explosion of gas	10
1930	Aug. 8	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Fall of roof	8
1931	May 29	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
1935	Jan. 21	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Explosion of gas	13
	May 7	S. Wilkes-Barre	Glen Alden Coal Co.	Wilkes-Barre	Piece of rock fell down shaft, struck cage	7

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1966

Year	Date	Colliery	Company	Location of colliery	Cause of Accident	Number Killed
1936	Aug. 24	Clear Spring	Sullivan Trail Coal Co.	West Pittston	Explosion of gas	5
1938	Apr. 27	St. Clair	St. Clair Coal Co.	St. Clair	Explosion of gas	8
	June 2	Volpe	Volpe Mining Co.	Pittstown Twp.	Explosion of gas	10
1943	Sep. 24	Primrose	M. & S. Coal Co.	Minersville	Explosion of gas	14
1947	Jan. 15	Nottingham	Glen Aiden Coal Co.	Wilkes-Barre	Explosion of gas	15
	Apr. 10	Schooley	Knox Coal Co.	Exeter Boro.	Explosion of gas	10
	Dec. 11	Franklin	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	8
1951	Mar. 29	Buttonwood	Glen Aiden Coal Co.	Hanover Twp.	Explosion of gas	5
1952	Mar. 27	Holmes Slope	Cano & Martin, Inc.	Forrestville	Drown - blast blew through to old workings	5
1959	Jan. 22	Ewen	Knox Coal Co.	Port Griffith	Drown - river broke into mine	12

# PRODUCTION TABLE

Operators and Collieries	County	District 1				Pounds dynamite used	Days worked	Fatal acci- dents	Non-fatal acci- dents
		Production - net tons							
		Shipped to market :	By truck :	Sold to colliery :	Used at local for steam and heat :				
		By railroad	By truck	By trade	By local for steam and heat	Total production :		Empl- oys	Fatal acci- dents
Altieri & Benzeleski	Lackawanna	1,204	114	954	-	2,272 a	70	179	4
Mosaic Mountain Strip 117-1									
Bliss Coal Co.									
Bliss Strip 35-18A	Sullivan	-	-	732	-	732 b	300	33	*
Bernice Strip 35-2	Sullivan	-	-	7,424	-	7,424 c	1,650	212	*
Bliss Strip 35-3	Sullivan	-	-	1,517	-	1,517 b	600	25	7
Bliss Crushing Plant	Sullivan	-	-	-	-	-	-	178	1
Total		-	-	9,673	-	9,673	2,550	1	8
Blue Coal Corporation									
Auchincloss Strip 30-41	Luzerne	2,239	824	1,179	1	4,243 d	6,050	50	9
Bliss Strip 30-5A5	Luzerne	7,659	2,820	4,035	15	14,529 d	17,500	142	*
Huber Strip 30-29A	Luzerne	4,651	1,214	2,740	112	8,717 e	6,300	92	*
Huber Strip 30-34A	Luzerne	3,338	665	2,084	5	6,092 t	10,000	93	*
Huber Strip 30-40	Luzerne	2,965	1,023	1,602	2	5,592 f	11,500	62	6
Loomis Park Strip 30-31A3	Luzerne	18,193	3,804	11,261	136	33,394 g	21,400	256	4
Loree Strip 30-2R3	Luzerne	24,475	4,772	15,353	241	44,841 h	1,800	259	18
Maffett's Strip 30-15R2A4	Luzerne	9,632	2,937	5,427	69	18,065 i	13,600	151	*
Middle Road Strip 30-37A	Luzerne	2,706	580	1,668	4	4,958 j	6,100	122	4
No. 20 Tunnel Strip 30-26RA	Luzerne	1,501	285	946	26	2,758 k	6,600	126	*
No. 20 Tunnel Strip 30-33	Luzerne	1,371	354	810	2	2,537 l	5,000	82	2
No. 214 Slope Strip 30-38	Luzerne	2,921	1,075	1,538	2	5,536 d	11,250	71	11
Sugar Notch Strip 34-14R2A3	Luzerne	3,671	1,347	1,937	6	6,961 m	15,600	121	*
Sugar Notch Strip 30-13R3	Luzerne	5,602	2,062	2,950	7	10,621 d	27,300	300	9
Sugar Notch Strip 30-35	Luzerne	1,276	469	672	2	2,419 d	4,950	89	*
Truesdale Strip 30-32	Luzerne	3,391	1,165	1,834	5	6,395 n	11,000	49	*
Truesdale Strip 30-44A	Luzerne	3,962	1,437	2,101	2	7,502 o	9,550	63	18
Truesdale Strip 30-12R2	Luzerne	6,025	2,207	3,180	9	11,421 p	16,200	43	*
Truesdale Strip 30-43	Luzerne	1,315	407	737	2	2,461 q	4,550	18	*
Truesdale Strip 30-4R2A2	Luzerne	873	175	544	17	1,609 r	2,050	35	*
Wanamie Strip 30-23R2A4	Luzerne	26,221	9,625	13,828	42	49,716 s	100,200	281	21
Wanamie Strip 30-21BA3	Luzerne	19,580	7,208	10,313	22	37,123 d	73,500	199	11
Wanamie Strip 30-17	Luzerne	943	347	497	2	1,789 v	-	-	-
Warrior Run Strip 30-36	Luzerne	2,313	522	1,409	2	4,246 u	12,200	131	4
Total		156,823	47,324	88,645	733	293,525	352,130	117	-
C. B. M. Coal Co.									
Grassy Island Strip 110-2	Lackawanna	357	132	830	-	1,319 y	4,200	70	3
C. & S. Excavating Co.									
Underwood Strip 78-4	Lackawanna	2,512	270	2,632	-	5,414	450	46	*



Operators and Collieries	County	District 1					Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal accidents
		Production - net tons									
		Shipped to market By :	Sold to :	Used at colliery for steam and heat	Total production	permissible production					
Northwest Mining Co., Inc. (Continued)		By railroad	By truck	trade	production	production					
Powderly Strip	81-IR3	933	309	918	-	2,160	2,240	1,460	263	6	-
Clinton Strip	81-4	-	-	-	-	-	-	-	20	2	-
Total		2,788	924	2,732	-	6,454 hh	62,560	6,990	16	-	-
Oliver, James & Albert											
Bernice Strip	87-IR2	-	-	4,693	-	4,693 li	1,250	150	189	2	-
Pasternak Bros.											
Ontario Strip	21-1A4	10,063	1,109	7,614	8	18,794 jj	65,000	1,700	300	5	-
Rock, C. A.											
Pancoat Strip	116-1	38	107	410	-	555 kk	-	650	76	5	-
Scranton Excavating Co.											
William A. Strip	6-2BA	7,864	13,672	8,733	92	30,361 li	4,000	250	186	13	-
William A. Strip	6-5	15,726	15,571	13,690	1,122	46,109 mm	4,000	250	103	*	-
Total		23,590	29,243	22,423	1,214	76,470	8,000	500	13	-	-
Slenska, Michael											
Archbald Strip	75-IRA	-	-	-	-	-	-	200	46	2	-
Turnpike Coal Co.											
Underwood Strip	32-2R	115	11	91	-	217 a	-	350	8	3	-
District Total		370,488	187,675	305,876	4,881	868,920	927,140	3,496,360	229	473	5

NOTE: \* Workmen transferred to other operations of the same company.

- (a) All coal prepared at Pompey Breaker - District 10.  
 (b) All coal prepared at Bliss Crushing Plant - District 1.  
 (c) 5,892 tons prepared at Bliss Crushing Plant - District 1  
 1,532 tons prepared at Booth Cleaning Plant - District 1  
 (d) All coal prepared at Huber Breaker - District 13.  
 (e) 3,945 tons prepared at Huber Breaker - District 13  
 (f) 4,772 tons prepared at Huber Breaker - District 13  
 (g) 4,948 tons prepared at Huber Breaker - District 13  
 644 tons prepared at Loree Breaker - District 13  
 6,217 tons prepared at Loree Breaker - District 13  
 27,177 tons prepared at Loree Breaker - District 13  
 (h) 39,870 tons prepared at Loree Breaker - District 13  
 4,971 tons prepared at Huber Breaker - District 13  
 (i) 12,316 tons prepared at Huber Breaker - District 13  
 5,749 tons prepared at Loree Breaker - District 13
- (j) 3,904 tons prepared at Loree Breaker - District 13  
 1,054 tons prepared at Huber Breaker - District 13  
 (k) 234 tons prepared at Huber Breaker - District 13  
 2,524 tons prepared at Loree Breaker - District 13  
 (l) 1,124 tons prepared at Loree Breaker - District 13  
 1,413 tons prepared at Loree Breaker - District 13  
 (m) 6,912 tons prepared at Huber Breaker - District 13  
 49 tons prepared at Loree Breaker - District 13  
 (n) 5,619 tons prepared at Huber Breaker - District 13  
 776 tons prepared at Loree Breaker - District 13  
 (o) 7,290 tons prepared at Huber Breaker - District 13  
 212 tons prepared at Loree Breaker - District 13  
 (p) 11,316 tons prepared at Huber Breaker - District 13  
 105 tons prepared at Loree Breaker - District 13  
 (q) 1,743 tons prepared at Huber Breaker - District 13  
 718 tons prepared at Loree Breaker - District 13



Operators and Collieries	County	District 1 Production, net tons										Pounds used	permis- sible ex- penses used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents	
		Shipped to market:					Used at:											
		By railroad	By truck	By local	Total	Production	to colliery	for steam	for heat	for other								
NOTE:	(r)	224 tons prepared at Huber Breaker - District 13																
	(s)	1,385 tons prepared at Loree Breaker - District 13																
	(t)	49,442 tons prepared at Huber Breaker - District 13																
	(u)	274 tons prepared at Loree Breaker - District 13																
	(v)	All coal prepared at Loree Breaker - District 13.																
	(w)	1,165 tons prepared at Huber Breaker - District 13																
	(x)	3,081 tons prepared at Loree Breaker - District 13																
	(y)	Stock coal mined in 1965 prepared at Huber Breaker - District 13.																
	(z)	59,183 tons prepared at Raymond Breaker - District 10																
	(aa)	47,592 tons prepared at Taylor Breaker - District 13																
	(ab)	47,533 tons prepared at Huber Breaker - District 13																
	(ac)	30,626 tons prepared at Loree Breaker - District 13																
	(ad)	All coal prepared at Taylor Breaker - District 13.																
	(ae)	752 tons prepared at Ace Breaker - District 10																
	(af)	567 tons prepared at Pompey Breaker - District 10																
	(ag)	Stock coal mined in 1965 prepared at Ace Breaker - District 10.																
	(ah)	All coal prepared at Booth Cleaning Plant - District 1																
	(ai)	771 tons prepared at Ace Breaker - District 10																
	(aj)	15,173 tons prepared at Pompey Breaker - District 10																
	(ak)	939 tons prepared at Penbrook Breaker - District 10																
	(al)	1,911 tons prepared at DeAngelis Breaker - District 10																
	(am)	333 tons prepared at Ace Breaker - District 10																
	(an)	222 tons prepared at Penbrook Breaker - District 10																
	(ao)	All coal prepared at Harry E. Breaker - District 13																
	(ap)	35,493 tons prepared at Dorra Breaker - District 13																
	(aq)	10,616 tons prepared at Taylor Breaker - District 13																

District 2													
		821	1,031	5,021	-	6,873 a	-	35,489	265	11	-	-	-
Brook Contracting Corp.	86-1												
Oneida Strip													
Gowen Coal Co.													
Gowen Mammoth Strip	38-1	20,521	-	11,724	-	32,245	-	3,400	225	21	-	-	-
Derringer Buck Mt. Strip	38-5	884	-	456	-	1,340	-	-	98	10	-	-	-
Total		21,405	-	12,180	-	33,585 b	-	3,400	-	31	-	-	-
Greenwood Stripping Corporation													
Greenwood Strip	33-1	173,827	124,404	32,511	1,003	331,745	-	1,392,332	229	116	-	16	-
Neyers Mammoth Strip	33-3	26,103	16,575	4,854	-	49,532	-	-	265	6	-	1	-
Hackleburnie Strip	33-6	10,896	7,753	2,026	-	20,675	-	280,800	198	6	-	-	-
No.10 W.L.Mammoth Strip	33-7	8,435	6,002	1,568	-	16,005	-	151,300	72	15	-	-	-
Loomis Mammoth Strip	33-9	22,393	15,934	4,164	-	42,491	-	-	253	16	-	3	-
Schuykill													
Wildip Orchard Strip	33-10	7,384	5,865	1,373	-	14,012	-	-	253	6	-	-	-
Wildip Orchard Strip	33-12	35,922	25,362	6,680	-	68,164	-	519,910	207	18	-	-	-
Lansford Primrose Strip	33-13	6,817	4,851	1,267	-	12,935	-	423,110	131	10	-	-	-
Carbon													

## Brook Contracting Corp.

Owens Strip

Gowen Mammoth Strip

Derringer Buck Mt. Strip

Total

Greenwood Stripping Corporation

Greenwood Strip

Neyers Mammoth Strip

Hackleberry Strip

No. 10 W.L. Mammoth Strip

Loomis Mammoth Strip

Wildip Orchard Strip

Wildip Orchard Strip

Lansford Primrose Strip

[illegible]

NOTE: (a) All coal prepared at Blaschak Breaker - District 26



## District 3

				Production - net tons				Pounds used	Days worked	Fatal accidents	Non- fatal accidents
				Shipped to market:	Sold to colliery:	Used at:	Total production:				
				By railroad:	By truck:	By local trade and heat:	Total:				
Operators and Collieries Glosak Bros. Coal Sales, Inc. (Continued) 45-8	Burnside Strip	Total	Northumberland	-	8,434	-	8,434	-	151	-	-
				-	14,914	-	14,914	-	14,000	-	-
				-	2,129	-	2,129	-	300	-	-
				-	585	-	585	-	42	-	-
				-	2,895	-	2,895	-	132	-	-
H. & B. Coal Co.	Bear Valley Strip	Total	Northumberland	-	1,547	-	1,547	-	64	-	-
				-	321	-	321	-	15	-	-
				-	5,348	-	5,348	-	2	-	-
				-	4,500	-	4,500	-	200	-	-
				-	750	-	750	-	40	-	-
Kerris & Helfrick, Inc.	Stuartsville Strip	Total	Northumberland	-	98,745	-	98,745	-	196	-	-
				-	14,234	-	14,234	-	49	-	-
				-	40,724	-	40,724	-	100	-	-
				-	19,724	-	19,724	-	104	-	-
				-	6,000	-	6,000	-	51	-	-
Lehigh Valley Anthracite, Inc.	Maysville Strip	Total	Columbia	-	3,750	-	3,750	-	21	-	-
				-	2,014	-	2,014	-	9	-	-
				-	185,191	-	185,191	-	40	-	-
				-	43,372	-	43,372	-	242	-	-
				-	65,352	-	65,352	-	31	-	-
Mudry Bros. Trucking Co.	Germantown Strip	Total	Northumberland	-	139,323	-	139,323	-	83	-	-
				-	4,883	-	4,883	-	30	-	-
				-	51,312	-	51,312	-	200	-	-
				-	1,538	-	1,538	-	108	-	-
				-	6,531	-	6,531	-	2	-	-
North Line Coal Co.	Burnside Strip	Total	Northumberland	-	18,984	-	18,984	-	254	-	-
				-	8,311	-	8,311	-	154	-	-
				-	2,261	-	2,261	-	56	-	-
				-	4,547	-	4,547	-	82	-	-
				-	15,119	-	15,119	-	6	-	-

	County	District 3 Production - net tons				Pounds		Days worked	Empl- overs	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market By	Used at to colliery and steam trade	Sold local	Total production	Permissible used	Excess used				
<b>Operators and Collieries</b>		By railroad	truck								
Rarick, Sterling	Northumberland	-	4,545	-	4,545 p	-	-	57	2	-	-
Maysville Strip	124-1										
Reading Anthracite Co.											
Knickerbocker M-12 Strip	23-8	65,925	14,837	30,689	-	111,451	-	286	28	-	2
Knickerbocker M-12A	23-9	517	116	241	-	874	-	9	1	-	-
Alaska A-62 Strip	23-10	15,868	3,570	7,367	-	26,825	-	134	5	-	-
Trevorton S-5 Strip	23-12	63,920	9,670	32,678	-	106,268	-	272	25	-	-
Trevorton S-5A Strip	23-13	31,128	4,709	15,914	-	51,751	-	172	18	-	-
Total		177,358	32,902	86,909	-	297,169 q	-	1,362	77	-	2
<b>Rosini Coal Co.</b>											
R-1 Strip	Northumberland	-	794	-	794	-	-	5	15	-	-
R-10	Northumberland	-	4,228	-	4,228	-	-	34	-	-	-
R-11	Northumberland	-	3,675	-	3,675	-	-	43	-	-	-
R-12	Northumberland	-	763	-	763	-	-	9	-	-	-
R-13	Northumberland	-	3,926	-	3,926	-	-	35	-	-	-
R-14	Northumberland	-	38,071	-	38,071	-	-	95	-	-	1
R-15	Northumberland	-	9,187	-	9,187	-	-	41	-	-	-
R-16	Northumberland	-	15,328	-	15,328	-	-	53	-	-	-
R-17	Northumberland	-	8,532	-	8,532	-	-	23	-	-	-
Total		-	84,504	-	84,504 r	-	-	191,300	15	-	-
<b>S. &amp; D. Coal Co.</b>											
Hickory Swamp Strip	Northumberland	-	200	-	200 s	-	-	15	2	-	-
S. & S. Contracting Co.											
Natalie Strip	Northumberland	-	941	-	941	-	-	65	3	-	-
Coal Run Strip	Northumberland	-	3,000	-	3,000	-	-	187	-	-	-
Total		-	3,941	-	3,941 c	-	-	100	3	-	-
<b>Savitski Brothers Coal Sales</b>											
Natalie Strip	Northumberland	-	194	-	194	-	-	8	3	-	-
Roaring Creek Strip	Northumberland	-	959	-	959	-	-	45	-	-	-
Roaring Creek Strip	Northumberland	-	194	-	194	-	-	2	-	-	-
Total		-	1,347	-	1,347 t	-	-	3	-	-	-
<b>Split Vein Coal Co.</b>											
Henry Clay Strip	Northumberland	-	606	-	606	-	-	22	2	-	-
Henry Clay Strip	Northumberland	-	11,827	-	11,827	-	-	136	-	-	-
Maysville Strip	Northumberland	-	677	-	677	-	-	13	2	-	-
Hickory Ridge Strip	Northumberland	-	1,036	-	1,036	-	-	13	-	-	-
Total		-	14,146	-	14,146 u	-	-	4	-	-	-
<b>Unique Coal Co.</b>											
Kulpmont Strip	Northumberland	-	1,406	-	1,406	-	-	146	3	-	-



District 3									
		Production - net tons				Pounds		Non-	
		: Solid		Used at		: permie-		Fatal	
		: Shipped to market :		to colliery		: sible ex-		acci-	
		By :		for steam		piles		- acci-	
		By : local		and heat		used		- oves	
		truck:		trade		production:		days	
		: railroad		: trade		: used		worked	
County		: truck:		: trade		: used		oys	
		: truck:		: trade		: used		denis	
		: truck:		: trade		: used		denis	
Unique Coal Co. (Continued)	46-3	Northumberland	-	663	-	-	663	-	-
Kaipmont Strip			-	2,069	-	-	2,069	-	-
Zanella Bros.			-	-	-	-	-	-	-
Luke Fidler Strip	123-1	Northumberland	-	1,293	-	-	1,293 v	-	-
District Total			542,154	773,119	161,138	1,538	1,477,949	15,640,048	31

NOTE:—

(a)	All coal prepared at Blaschak Breaker — District 26.	(l)	All coal prepared at Mammoth Breaker — District 26.
(b)	All coal prepared at Lower Region Washery — District 24.	(m)	All coal shipped direct to Pennsylvania Power & Light Co.
(c)	All coal prepared at D. & Z. Breaker — District 24.	(n)	All coal prepared at Reidinger Breaker — District 24.
(d)	All coal prepared at Rosa Breaker — District 26.	(o)	6,368 tons prepared at Glen Burn Breaker — District 24
(e)	4,967 tons prepared at Mammoth Breaker — District 26		250 tons prepared at Diminick Breaker — District 24
	677 tons prepared at D. & Z. Breaker — District 24		340 tons prepared at Split Vein Breaker — District 20
	2,489 tons prepared at Sawitski Breaker — District 20		7,949 tons prepared at C. & J. Breaker — District 10
	3,091 tons prepared at Ace Breaker — District 10	(p)	4,045 tons prepared at Ranshaw Washery — District 29
	12,199 tons prepared at Glen Burn Breaker — District 24		500 tons prepared at Ace Breaker — District 10
	926 tons prepared at C. & J. Breaker — District 20	(q)	158,169 tons prepared at Trevorton Breaker — District 17
(f)	All coal prepared at Pennsylvania Power & Light Co.		139,000 tons prepared at St. Nicholas Breaker — District 17
(g)	All coal prepared at Gilberton Fine Coal Plant — District 29.	(r)	All coal prepared at Carbon Run Breaker — District 24.
(h)	All coal prepared at Glosek Washery — District 24.	(s)	All coal prepared at C. & J. Breaker — District 20.
(i)	All coal prepared at Glen Burn Breaker — District 24.	(t)	All coal prepared at Sawitski Breaker — District 20.
(j)	1,533 tons prepared at Ace Breaker — District 10	(u)	All coal prepared at Split Vein Breaker — District 24.
	3,815 tons prepared at D. & Z. Breaker — District 24	(v)	483 tons prepared at Ranshaw Washery — District 29
(k)	3,000 tons prepared at Legal Breaker — District 16		810 tons prepared at Diminick Breaker — District 24
	2,250 tons prepared at D. & Z. Breaker — District 24		

		District 4										
Anthracite Fine Coals, Inc.	73-2R	Schuylkill	26,212	24,105	1,030	-	51,347 a	62,180	675	172	13	-
Sherman Mountain Strip												
Bear Gap Stripping Co.	79-1	Dauphin	-	-	-	-	-	-	-	88	2	-
Bear Valley Strip												
Bell Coal Co.	121-1	Schuylkill	2,760	6,107	5,908	128	14,903 b	-	-	260	3	-
Bernitsky Brothers Coal Co.												
Bernitsky Strip	112-2	Schuylkill	-	306	204	-	510 c	-	50	144	1	-
Blue Bell Enterprises, Inc.												
New Philadelphia Strip	14-2	Schuylkill	8,106	12,242	2,216	114	22,678 d	43,348	630	296	5	-





		District 4				Pounds		Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		Production—net tons		Used at		: permis- : sible ex- : plodes : used					
Operators and Collieries	County	Shipped to market:		By:		Total		Pounds dynamite used			
		By railroad	By truck:	By local	By steam and heat	Total production:	used				
Swatara Coal Co. (Continued)											
Mammoth Strip 70-2	Schuylkill	14,110	11,986	2,939	78	29,113	184,634	1,432	276	12	-
Swatara Falls 70-3	Schuylkill	3,118	2,648	820	14	6,600	7,000	-	118	13	-
Total		23,298	19,846	4,739	126	48,009 m	217,875	2,050	38	-	1
Tropp Stripping Co., Lawrence											
Tropp Strip 1-1(A-1)	Schuylkill	312	1,290	98	5	1,705 n	-	800	45	4	-
District Total		575,712	247,802	262,495	838	1,086,847	11,515,870	169,255	165	402	-
											30

NOTES:

(a) All coal prepared at Donaldson Breaker - District 30  
9,640 tons prepared at Black Heath Breaker - District 19  
3,504 tons prepared at J. & E. Breaker - District 18  
950 tons prepared at D. & Z. Breaker - District 24  
809 tons prepared at Wesner Breaker - District 15

(c) All coal prepared at K. & P. Breaker - District 19  
(d) 11,170 tons prepared at D. & Z. Breaker - District 24  
6,240 tons prepared at Wesner Breaker - District 15  
2,080 tons prepared at Schneck's Breaker - District 30  
3,188 tons prepared at Silver Creek Breaker - District 18

	District	Total	No.	Average per ton
Ace Anthracite, Inc.	-	-	-	-
Ace Bank	-	1,645	-	222 2)
Eddy Creek Bank	-	200	-	10 )
Ace Cleaning Plant	-	-	-	232 2)
B	-	-	-	-
Lackawanna	-	1,845	-	4
Total	-	1,845 a	-	-
Ace Coal Co.	-	-	-	-
Ace Breaker	-	-	-	66 9
Blue Coal Corp.	-	-	-	-
Marvine Bag Plant	-	-	-	250 13
DeAngelis, Inc.	-	-	-	-
Boldands Breaker	-	-	-	96 8
Boldands Colliery	-	1,960	-	193 5
Coalbrook Bank	-	6,776	-	96 3)
O.S.C. Bank *	-	1,443	-	-
Fern Hill Coal Co.	-	10,179 b	-	16 )
Clinton Colliery*	-	-	-	10 3
Wayne	-	-	-	-



Operators and Collieries	County	District 10				Pounds permissible used	Days worked	Fatal accidents	Non- fatal accidents
		Production - net tons		Used at					
		Shipped to market By railroad	Sold to By truck, trade	to colliery for steam and heat	sale ex- ploives				
Homike Coal Co.	DM	27	72	275	2	376 n	875	54	3
DeLoma Colliery*									
Virby Coal Co.	DM	-	663	-	-	663 b	1,200	99	2
Raymond Colliery*	DM								
Waddeil Coal Mining Co., Inc.	W								
Waddeil Washery								68	7
District Total		16,409	17,143	32,559	489	66,600	45,840	2,175	170 229

## NOTE:

- \* Operations abandoned.
- (a) All coal prepared at Ace Cleaning Plant.
- (b) All coal prepared at Bolands Breaker.
- (c) 6 tons prepared at Ace Breaker
- (d) 963 tons prepared at Pompey Breaker
- (e) 57 tons prepared at Pembroke Breaker
- (f) 133 tons prepared at Ace Breaker
- (g) 471 tons prepared at Bolands Breaker
- (h) 65 tons prepared at Raymond Breaker
- (i) 100 tons prepared at Waddell Washery
- (j) 972 tons prepared at Matisko Cleaning Plant
- (k) All coal prepared at Pembroke Breaker.
- (l) 194 tons prepared at Ace Breaker
- (m) 2,201 tons prepared at Pompey Breaker

District 11[illegible]

Operators and Collieries	County	District 11				Pounds permis- sible ex- plosives used	Days worked	Empl- oys	Fatal acci- dents	Non- fatal dents
		Production - net tons		Used at	Total production:					
		Shipped to market: By railroad	Sold to: By truck:							
Blue Coal Corporation (Continued)	DM	21,074	4,557	12,958	234	38,823	44,250	203	37	7
Truesdale No. 218 Slope	Luzerne	167,992	52,719	95,415	56,554	372,640	279,575	1,450	358	1
Total										49
Glen-Nan Coal Co., Inc.	DM	221,383	256,052	147,380	308	625,123	678,600	5,500	428	108
Glen Lyon No. 3 Slope	Luzerne									
Glyon Mining, Inc.	DM	519	10,732	6,946	29	18,226	17,125	25	249	18
Glen Lyon No. 9 Slope	Luzerne									
L.J.B., Incorporated	Luzerne	-	14,829	171	-	15,000	m	-	93	7
No. 5 Bank										
Lehigh Valley Anthracite, Inc.	BP									
Loomis Breaker	Luzerne	-	-	-	-	-	n	-	365	2
San Mining Co., Inc.										
Buttonwood No. 441 Slope	DM	17,063	2,944	10,939	362	31,308	35,400	-	134	31
Susquehanna Coal Co.	Luzerne									2
Glen Lyon Breaker	BP	-	-	-	-	-	-	178	105	8
District Total		406,917	363,056	260,851	57,253	1,088,077	1,010,700	6,975	952	1 167

NOTE: (a)	21,010 tons shipped unprepared to United Gas Improvement Co. Hunlock Plant.	(j)	30,161 tons prepared at Loree Breaker - District 13
(b)	4,770 tons shipped unprepared to Pennsylvania Power & Light Co. Stanton Plant.	(k)	8,662 tons prepared at Huber Breaker - District 13
(c)	Operated as Glen Alden Corporation to February 18, 1966. Changed to Blue Coal Corp.		438,270 tons prepared at Glen Lyon Breaker
(d)	54,846 tons shipped unprepared to Nanticoke Power Plant		13,144 tons prepared at Penbrook Breaker - District 10
(e)	4,095 tons prepared at Loree Breaker - District 13		3,273 tons prepared at Ace Breaker - District 10
(f)	2,606 tons prepared at Huber Breaker - District 13		7,580 tons prepared at Pompey Breaker - District 10
(g)	15,525 tons prepared at Loree Breaker - District 13		136,052 tons prepared at Bel Air Breaker - District 13
(h)	13,848 tons prepared at Loree Breaker - District 13		850 tons prepared at Kassa Breaker - District 13
(i)	2,191 tons prepared at Bel Air Breaker - District 13		9,631 tons prepared at Dorance Breaker - District 13
(j)	71 tons prepared at Taylor Breaker - District 13	(l)	16,323 tons prepared at Harry E. Breaker - District 13
(k)	Operations started October 10, 1966.	(m)	10,676 tons prepared at Glen Lyon Breaker
(l)	All coal prepared at Huber Breaker - District 13.	(n)	5,590 tons prepared at Penbrook Breaker - District 10
(m)	Operations started October 22, 1966. Development only, no coal shipped.	(o)	1,860 tons prepared at Ace Breaker - District 10
(n)	All coal prepared at Huber Breaker - District 13.		100 tons prepared at Harry E. Breaker - District 13
(o)	41,534 tons prepared at Loree Breaker - District 13		1,137 tons prepared at Glen Lyon Breaker
(p)	40,425 tons prepared at Huber Breaker - District 13		13,863 tons shipped unprepared to Merck Chemical Co.
(q)	70 tons prepared at Dorance Breaker - District 13		Idle during 1966.
(r)	69 tons prepared at Taylor Breaker - District 13		30,927 tons prepared at Loree Breaker - District 13
(s)	571 tons prepared at Pompey Breaker - District 10		381 tons prepared at Taylor Breaker - District 13
(t)	Sealed October 3, 1966. Idle during year.		Work ceased August 1966, sealed October 4, 1966.



District 12											
Production - net tons											
County											
Operators and Collieries											
A. & J. Coal Co.											
Middle Split Slope											
A. & P. Coal Co.											
L.V. No. 6 Vein Slope											
Acme Coal Co.											
L.V. No. 5 Vein Slope											
B. & P. Coal Co.											
Buck Mountain Slope											
Blyler Coal Co., Glen											
No. 7 Vein Slope											
Clark Coal Co.											
No. 2 Slope											
Deeter Coal Co.											
No. 6 Vein Slope											
Elizabethville Coal Co.											
Elizabethville Bank											
Fronk, George											
Ramp											
Fronk Coal Sales											
Gangloff Brothers											
Williamstown Silt Bank											
Garber Coal Co.											
Buck Mountain Slope											
Harnet Coal Co.											
Skidmore Slope											
Herring Brothers Coal Co.											
L.V. No. 5 Vein Slope											
Hornberger Coal Co.											
No. 8 Vein Slope											
Buck Mountain Slope											
Total											
J. & R. Coal Co.											
No. 8 Vein Slope											
K.D.S. Coal Co.											
No. 8 Vein Slope											
K.E.W. Coal Co.											
White's Vein Slope											
Kerrigan Coal Co., Inc., Paul											
Kerrigan Breaker											
Kerrigan Bank											
Total											

[illegible]



## District 12

Operators and Collieries	County	Production - net tons			Used at			Pounds		Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market By : railroad	Production By : truck	to local trade	colliery for steam and heat	Total production	permis- sible ex- ploives used	Total production	Fatal acci- dents				
Reiner Coal Co. No. 2 Vein Slope	DM Dauphin	-	-	1,201	8	1,209 cc	800	-	113	3	-	-	-
S. & K. Coal Co. Buck Mountain Slope	DM Dauphin	-	-	3,596	22	3,618 cc	2,500	-	225	3	-	-	-
S.K.D. Coal Co. Skidmore Slope	DM Dauphin	11	805	192	3	1,011 dd	550	-	65	4	-	-	-
Salic Coal Co. White's Vein Slope	DM Schuylkill	-	-	3,119	8	3,127 ee	1,650	100	207	4	-	-	-
Shomper Coal Co. L.V. No. 6 Vein Slope No.1	DM Schuylkill	-	-	2,469	-	2,469	2,200	-	206	3	-	-	-
L.V. No. 6 Vein Slope No.2	DM Schuylkill	15	-	3,111	-	3,126	2,800	-	207	3	-	-	-
Shomper Breaker	BP Dauphin	-	-	-	-	-	-	-	207	2	-	-	-
Total		15	-	5,580	-	5,595 ff	5,000	-	-	8	-	-	-
Smeltz Coal Co. No. 7 Vein Slope	DM Dauphin	-	3,436	380	19	3,835 m	2,400	-	153	3	-	-	-
Stonehill Coal Co. Stonehill Breaker	BP Dauphin	-	-	-	-	-	-	-	311	4	-	-	-
Strohecker Coal Co. Strohecker Breaker	BP Dauphin	-	-	-	-	-	-	-	303	9	-	-	-
Stump Coal Co., F.B. L.V. No. 4 Vein Slope	DM Schuylkill	135	272	31	-	438 gg	200	-	47	3	-	-	-
Underkoffler Coal Co. Buck Mountain Slope	DM Schuylkill	-	-	2,942	13	2,955	2,000	-	250	3	-	-	-
Underkoffler Breaker	BP Dauphin	-	-	-	-	-	-	-	250	24	-	-	-
Total		-	-	2,942	13	2,955 b	2,000	-	27	-	-	-	-
Valley Construction Co. L.V. No. 6 Vein Slope	DM Dauphin	-	2,986	-	-	2,986 hh	1,900	-	197	4	-	-	-
White's Vein Coal Co. White's Vein Slope	DM Schuylkill	486	175	4,792	-	5,453 ii	2,600	-	301	3	-	-	-
Wolfe Coal Co. No. 7 Vein Slope	DM Dauphin	-	-	679	3	682 b	250	-	110	2	-	-	-
Z. & R. Coal Co. No. 2 Vein Slope	DM Dauphin	-	-	394	2	396 cc	200	-	22	3	-	-	-
District Total		142,763	82,431	80,765	457	306,416	101,975	350	209	258	-	11	-





## District 13

Operators and Collieries	County	Production - net tons				Pounds		Days worked	Empl- oves	Fatal acci- dents
		Shipped to market	Sold to colliery	Used at colliery for steam and heat	Total production	permis- sible ex- plosives used	Pounds dynamite used			
Operators and Collieries										
Lafayette Heights Coal Co. (Continued)										
Mount Lookout Bank	Luzerne	-	-	-	-	17,840 k	-	108	2	-
Lafayette Colliery Bank	Luzerne	1,750	-	-	-	1,750 g	-	26	2	-
No. 14 Colliery Bank	Luzerne	1,750	26,931	-	-	29,681	-	26	1	-
Total									8	
Lehigh Valley Anthracite, Inc.										
Dorrance Breaker	Luzerne	-	-	-	-	-	-	129	55	-
Franklin Cleaning Plant	BP	-	-	-	-	-	-	52	28	-
Harry E. Breaker	Luzerne	-	-	-	-	-	-	72	27	-
Prospect Cleaning Plant	BP	-	-	-	-	-	-	50	7	-
Prospect Bank	Luzerne	1,628	2,891	1,808	19	6,286	-	50	4	-
Total		1,628	2,891	1,808	19	6,286	1	121	2	-
Lehman Coal Co.										
No. 179 Slope*	DM	1,858	175	1,572	-	3,605 m	4,850	150	47	**
Macarelli Coal Co.	Lackawanna	-	-	-	-	-	-	-	-	-
Butler Colliery Nardones Slope*	Luzerne	-	177	-	-	177 n	350	-	47	4
Marchisini, David	Luzerne	-	285	-	-	285	-	24	1	-
Miner's Mills Bank	Luzerne	-	-	740	-	740	-	4	3	-
Luzerne Bank	Luzerne	-	285	740	-	1,025 o	-	-	4	-
Total		-	285	740	-	1,025 o	-	-	4	-
McKeen Fuel Corporation										
Pine Ridge Bank	Luzerne	-	876	-	-	876 p	-	11	5	-
Moffat Coal Co., Inc.	Lackawanna	469	501	802	5	1,777 q	1,000	-	29	-
Archbald Colliery*	DM	6,637	7,089	11,338	75	25,139 q	17,900	-	36	129
Continental Slope*	DM	-	1,004	1,616	-	3,560 q	4,625	100	47	11
No. 179 Slope*	DM	-	6,785	10,752	65	23,881 r	20,425	1,325	35	97
No. 190 Slope*	DM	-	4,023	6,298	46	15,240 q	9,175	-	30	76
Sloan No. 133 Slope*	DM	-	2,827	2,419	25	9,464 s	6,175	-	35	37
Storrs Colliery No. 79 Slope*	DM	-	-	-	-	-	-	252	10	-
Moffat Shops & General	Lackawanna	-	-	-	-	-	-	33	67	-
Taylor Breaker	B	-	-	-	-	-	-	-	-	-
Total		21,681	21,590	35,574	216	79,061	59,300	1,775	456	13
Moffat Premium Anthracite, Inc.										
Taylor Breaker	B	-	-	-	-	-	-	85	**	-
N. & R. Coal Co.	Lackawanna	-	16,203	-	-	16,203 u	-	-	145	4
Old Forge Bank	Lackawanna	-	-	-	-	-	-	-	-	-
O'Toole, John F.	Lackawanna	-	-	-	-	-	-	227	1	-
O'Toole Cleaning Plant	B	-	-	121	-	121	-	-	24	1
O'Toole Bank	Lackawanna	-	-	121	-	121 v	-	-	2	-
Total		-	-	121	-	121 v	-	-	2	-

## District 13

Operators and Collieries	County	Production - net tons				Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
		Shipped to market:	By truck:	Sold to local trade:	Used at colliery for steam and heat:	Total production:				
Penn Can Coal Co.	Luzerne	-	836	-	-	836 k	-	10	7	-
Mount Lookout Bank	Lackawanna	9,305	-	-	-	9,305	-	69	3	-
Perry Coal Sales Co., Thomas Dunmore Bank	Luzerne	791	-	-	-	791	-	7	3	-
Pittston Bank	Lackawanna	3,540	-	-	-	3,540	-	22	3	-
Taylor Storage Yard Bank		13,636	-	-	-	13,636 w	-	9	-	-
Total										
Popple Sales Co., Raymond Dunmore No. 1 Bank	Lackawanna	-	29,168	-	-	29,168 k	-	84	8	-
Racho, George Exeter Bank	Luzerne	-	45,741	-	-	45,741 k	-	70	14	-
Reilly Contracting Co.	Luzerne	-	4,440	-	-	4,440 x	-	35	3	-
Wilkes-Barre Bank	Luzerne	-	-	3,061	-	3,061 y	-	41	4	-
Scranton Excavating Co.	Luzerne	-	-	-	-	-	-	-	-	-
No. 9 Colliery Bank	Luzerne	-	14,508	-	-	14,508 k	-	231	3	-
Sebastopol Coal Co.		-	-	-	-	-	-	-	-	-
Sebastopol Bank		-	-	-	-	-	-	-	-	-
Silverbrook Anthracite, Inc.		-	-	-	-	-	-	-	-	-
Kassa Breaker	B Luzerne	-	-	-	-	-	-	240	3	-
United Gas Improvement Co.		-	82,101	-	-	82,101 h	-	162	7	-
Huber No. 31 Silt Bank	Luzerne	-	-	-	-	-	-	-	-	-
V-R Coal Corporation		11,546	2,127	8,013	296	21,982 aa	30,250	113	50	6
South Wilkes-Barre Colliery*	DM Luzerne	-	-	-	-	-	-	-	-	-
Western Mining Corp.		1,324	82	1,143	-	2,549 bb	3,100	30	9	-
Westmoreland No. 32 Slope	DM Luzerne	-	-	-	-	-	-	-	-	-
District Total		267,625	324,333	170,579	1,919	764,456	532,400	139	1,413	111

## NOTES:

- \* Abandoned mines  
 \*\* Same men listed in Moffat Coal Co., Inc.
- All coal prepared at Kassa Breaker.
  - All coal prepared at Kassa Breaker.
  - All coal prepared at Huber Breaker.
  - 180 tons prepared at Huber Breaker
  - 24,170 tons prepared at Loree Breaker
  - Ownership transferred from Glen Alden Corp. to Blue Coal Corp. in January 1966.
  - From coal stocked at Kassa Breaker.

(g) All coal prepared at Waddell Washery - District 10.

(h) Coal shipped unprepared to United Gas Improvement Co. Power Plants.

(i) All coal prepared at Pompey Breaker - District 10

(j) 114 tons prepared at O'Toole Cleaning Plant

(k) 14,352 tons prepared at Pompey Breaker - District 10

(l) All coal shipped unprepared to Pennsylvania Power &amp; Light Co. Plants.

(m) All coal prepared at Harry E. Breaker.





Operators and Collieries	County	District 15 Production - net tons					Pounds : permis- sible ex- plosives used	Days Empl- oyes worked	Fatal acci- dents	Non- fatal acci- dents		
		Shipped to market By : railroad	Sold to : local trade	Used at colliery for steam and heat	Total production	Pounds dynamite used						
Buckley Coal Corporation Eckley Breaker Coleyby Coal Co., Inc. Candleton Bank Candleton Breaker Total	BP Schuylkill B Schuylkill	- 17,591 17,591	- - -	- - -	- 17,591 17,591 e	- - -	- - -	141 116 94	12 4 8	- 1 1		
Fern Glen Mining Co. No. 13 Slope Ginther Coal Co. Fine Coal Washery Gowen Coal Co. Gowen Breaker Greybosh Coal Co., Inc. Greybosh Breaker Honeybrook Mines, Inc. Honeybrook Breaker Huss, George Beaver Brook Fine Coal Plant Drifton Banks George Huss Culum Bank Total	DM Luzerne W Schuylkill B Luzerne BP Luzerne B Schuylkill Luzerne Luzerne Luzerne	246 - - - - - - - - - 1,378 1,378	- - - - - - - - - - 591 7,194 7,785	138 - - - - - - - - - - -	3 - - - - - - - - - -	387 f - - - - - - - - - - 1,969 g 7,194 h 9,163	75 - - - - - - - - - -	25 - - - - - - - - - -	17 203 122 300 192 193 173	4 8 18 2 50 8 4	1 - 2 - 3 - -	
Jeddo-Highland Coal Co. Ebervale No. 4 Bank Highland No. 5 Breaker Jeddo No. 7 Banks Jeddo No. 7 Breaker Total	B Luzerne Luzerne Luzerne Luzerne	3,797 - 203,220 207,017	- - 3,276 3,276	- - 655 655	- - 120 120	- - 207,271 j 211,068	- - -	- - -	30 240 280 230	7 25 22 59	- 1 - 2	3
Kassa Coal Co. No. 4 Slope L. & F. Mining Co., Inc. No. 2 Slope Lech Coal Co. Quakake Bank Lee Mining Co., Inc., J.F. Drifton No. 1 Slope Lehigh Valley Anthracite, Inc. Hazleton Shaft Banks Hazleton Shaft Breaker Hazleton Shaft Cleaning Plant B	DM Carbon DM Schuylkill Schuylkill Luzerne DM Luzerne B Luzerne	2,319 - - - - 1,318 9,522 -	- 4,927 96 - - 2,812 7,932 -	6 1,392 - 1,353 4,658 3,533 -	6 6 - 10 144 -	7,252 k 1,494 l - 1,353 m 8,798 n 21,131 o -	12,500 500 - - 11,000 -	240 151 140 228 73 156 218	8 4 1 16 5 81 28	- - - 1 - 4 1		



Operators and Collieries	County	District 15					Pounds dynamite used	Days worked	Fatal accidents	Non-fatal accidents
		Production - net tons								
		Shipped to market:	By truck:	Sold to local trade:	Used at colliery for steam and heat:	Total production:				
Lehigh Valley Anthracite, Inc. (Continued)	Luzerne	109,351	641	519	-	110,511 p	-	109	10	-
Hazleton Shaft Silt Dams Bank	B Luzerne	-	-	-	-	-	-	152	12	-
Lion Breaker	B Luzerne	118,873	8,573	4,052	144	131,642	-	136	-	7
Total										
Marko Coal Co.	DM Schuylkill	32	473	867	8	1,380 q	350	113	6	-
Buck Mountain Slope	BP Schuylkill	-	-	-	-	-	-	300	3	-
Mazaika Coal Co.	DM Carbon	-	105	919	8	1,032 r	600	180	5	-
Mazaika Breaker	Luzerne	31,497	1,315	2,177	-	34,989 s	-	211	10	-
McAdoo Mining Co.	Luzerne	147,510	175	290	-	147,975 t	-	193	5	-
Wharton Slope	Luzerne	618	61,731	-	-	62,349 u	-	109	9	-
Racho, George	Luzerne	730	1,556	2,578	-	4,864 n	-	162	7	-
Cranberry Culm Banks	Luzerne	-	132,234	-	-	132,234 u	-	160	17	-
Harwood Banks	Total	180,355	197,011	5,045	-	382,411	-	48	-	-
Hazleton Shaft Bank	Luzerne	-	-	570	-	570	-	65	2	-
Jeanesville Banks	B Luzerne	-	-	-	-	-	-	109	4	-
Lattimer Bank	Total	-	-	570	-	570 v	-	6	-	-
Total										
Tedesco Bros. Coal Co.	BP Schuylkill	-	-	-	-	-	-	233	2	-
Tedesco Bank	BP Schuylkill	-	-	-	-	-	-	254	4	-
Tedesco Breaker	Carbon	6,137	14,319	-	-	20,456 q	-	-	-	-
Valley Coal Co.	District Total	800,000	337,439	163,745	671	1,301,855	566,100	205	1,133	1
Valley Breaker										
Wesner Coal Co.										
Wesner Breaker										
Wiconisco Washery, Inc.										
Beaver Meadow Bank										

NOTE: (a) 10 tons prepared at Big Buck Breaker  
 33 tons prepared at Greybosh Breaker  
 58 tons prepared at Wesner Breaker  
 Ceased operations in January 1966.  
 (b) All coal prepared at Honeybrook Breaker.  
 (c) All coal prepared at Big Buck Breaker.  
 (d) All coal prepared at Huber Breaker - District 13.  
 (e) All coal prepared at Candleton Breaker.

(f) All coal prepared at Gowen Breaker.  
 Ceased operations in January 1966.  
 (g) All coal prepared at Ginter Fine Coal Washery.  
 Ceased operations in 1965. Material was stockpiled.  
 (h) All coal prepared at Beaver Brook Fine Coal Plant.  
 (i) All coal prepared at Highland No. 5 Breaker.  
 (j) 199,991 tons prepared at Highland No. 5 Breaker  
 7,280 tons prepared at Hazleton Shaft Breaker



Operators and Collieries	County	District 16 Production - net tons					Pounds		Days worked	Empl- oves	Fatal acci- dents
		Shipped to market:		Used at		Total production:	permis- sible ex- ploives used				
		By railroad	By truck	Sold to local trade	Colliery and heat						
Green Coal Co. No. 2 Vein Slope Primrose Slope Total	DM Schuylkill DM Schuylkill	181 9 190	192 146 1,374	1 - 1	1,602 155 1,757	1,100 150 1,250	- - -	28 53 7	4 3 7	- - -	
H. & H. Coal Co. L.V. No. 5 Vein Slope H. & W. Coal Co. Middle Split Slope Harman Coal Co. Buck Mountain Slope Hatter Coal Co. Middle Split Slope Hi-Test Coal Co. Skidmore Slope Herb & Reed Coal Co. No. 4 Slope Hoffman Coal Co. Primrose Slope J. & C. Coal Co. Skidmore Slope J. & C. Coal Sales Total	DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill	39 261 1,509 148 196 - 93 2,417 2,417	128 5,511 5,064 2,056 15,407 - 187 14,113 14,113	1 4 24 16 95 - 1 28 28	189 m 6,858 n 7,671 o 4,998 p 19,380 q - 577 s 23,823 23,823	150 7,500 4,925 3,250 10,400 - 450 7,700 7,700	- - - - - - - - -	12 258 288 294 270 110 115 265 125	3 7 5 7 14 4 3 12 13	- - - - - - - - -	
Johnson Coal Co. Skidmore Slope K. & N. Coal Co. Buck Mountain Slope Keffers Coal Co. Keffers Breaker L.V. No. 2 Vein Slope Total	DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill	- 59 - 536 536	31 287 - 3,142 3,142	1 - - - -	32 u 392 v - 7,173 7,173	25 275 - 11,000 11,000	- - - - -	24 15 40 260	3 3 2 7 9	- - - - -	
Kocher Coal Co., Inc., Leon E. Kocher Breaker Legal Coal Co. Lengel Coal Co., Warren No. 1 Vein Slope Madenford Coal Co. No. 1 Vein Slope Ney & Lehman Coal Co. No. 1 Slope	BP Schuylkill BP Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill DM Schuylkill	- - 93 1,496 864	- - 1,563 1,664 1,701	- - 4 9 28	- - 3,110 x 11,285 y 14,079	- - 1,400 11,164 8,520	- - - - -	205 211 160 264 284	38 16 5 5 6	- - 3 - - 1	

Operators and Collieries	County	District 16									
		Production - net tons									
		Shipped to market:	By:	Used at:	Sold to:	Total production:	Pounds of dynamite used:	Days worked:	Empl. over 1000:	Fatal acci- dents:	Non-fatal acci- dents:
		By railroad:	By truck:	Colliery and heat:	Local trade:	Production:	Pounds of dynamite used:				
Ney & Lehman Coal Co. (Continued)	DM	2,072	1,792	-	280	4,144	3,000	262	3	-	-
No. 2 Slope	Schuykill	2,936	13,278	28	1,981	18,223	11,520	-	9	-	-
Total											
R. & K. Coal Co.	DM	11,481	29,189	181	14,736	55,587	50,750	-	260	18	-
No. 2 Vein Slope	Schuykill										
R. & J. Coal Co.	DM	3,445	8,003	22	5,882	17,352	5,350	-	245	6	-
Renninger & Partners Co.	DM	87	221	1	38	347	300	-	84	3	-
Holmes Slope	Schuykill										
S. & S. Coal Co.	DM	313	24,675	152	5,897	31,037	13,000	-	291	15	-
Skidmore Slope	Schuykill										
S. & W. Coal Co.	DM	569	4,895	62	8,708	14,234	2,500	-	262	9	-
Middle Split Slope	Schuykill										
Salada Coal Co.	DM	547	1,301	4	175	2,027	1,200	-	214	3	-
L.V. No. 1 & 2 Vein Slope	Schuykill										
Schell Coal Co.	DM	9	25	-	4	38	25	-	26	3	-
Diamond Slope	Schuykill										
Shade Coal Co.	DM	603	237	8	7,404	8,252	5,000	-	270	5	-
No. 2 Vein Slope	Schuykill										
Sherry Coal Co., Don	DM	1,285	6,690	18	1,063	9,056	8,050	-	242	7	-
No. 1 Middle Split Slope	Schuykill										
Shuey Coal Co.	DM	1,045	4,422	42	6,402	11,911	9,000	-	254	7	-
Priorose Slope	Schuykill										
Stahl Coal Co.	DM	2,239	5,135	17	10,334	17,725	3,250	-	298	7	-
No. 2 Vein Slope	Schuykill										
Stahl & Shade Coal Co.	DM	6,036	9,301	-	612	15,949	5,000	-	308	8	-
No. 2 Vein Slope	Schuykill										
Superior Coal Co.	BP	-	-	-	-	-	-	-	305	10	-
Superior Breaker	Schuykill										
Williamson Coal Co.	DM	1,049	4,848	129	29,329	35,355	32,000	-	302	17	-
Skidmore Slope	Schuykill										
District Total											
		51,426	210,872	1,482	224,442	488,222	291,690	450	236	366	3

NOTE: (a) 3,301 tons prepared at Donaldson Breaker - District 30  
985 tons prepared at Kerrigan Breaker - District 12  
293 tons prepared at Legal Breaker

(b) All coal prepared at Donaldson Breaker - District 30.  
Ceased operations February 7, 1966.

(c) 1,371 tons prepared at Donaldson Breaker - District 30  
2,099 tons prepared at Penag Breaker - District 30  
98 tons prepared at Koch Breaker - District 30  
19 tons prepared at Kocher Breaker  
1,444 tons sold unprepared to itinerate truckers -  
District 12.

District 16									
Production - net tons		Used at		Pounds		Non-			
: Shipped to market :		: Sold :		: sible ex- :		: fatal :			
: By :		: to :		: plives :		: acci- :			
: By :		: By :		: used :		: dents :			
: railroad :		: trade :		: and heat :		: worked :			
County		County		County		County			
NOTE: (d) All coal prepared at Penag Breaker - District 30.									
(e) 1,613 tons prepared at Kocher Breaker									
904 tons prepared at Legal Breaker									
2,509 tons prepared at Pine Creek Breaker - District 12.									
(f) 5,780 tons prepared at Franklin Breaker - District 30									
28,322 tons prepared at Underkoffler Breaker - District 12									
464 tons prepared at Swatara Breaker - District 21									
5,785 tons prepared at Glenzo Breaker - District 19									
4,505 tons prepared at Olmsted Breaker - District 19									
3,915 tons prepared at Pine Creek Breaker - District 12									
1,091 tons prepared at Strohecker Breaker - District 12									
1,289 tons prepared at Schneck Breaker - District 30									
302 tons prepared at Oakwood Breaker - District 30									
(g) 2,973 tons prepared at Reidinger Breaker - District 24									
3,424 tons prepared at D. & Z. Breaker - District 24									
18 tons prepared at Swift Breaker - District 24									
2,484 tons prepared at Penag Breaker - District 30									
(h) All coal prepared at Maple Spring Breaker - District 19.									
Ceased operations February 1966									
(i) 2,128 tons prepared at Hillside Breaker - District 21									
2,458 tons prepared at Underkoffler Breaker - District 12									
1,747 tons prepared at Pine Creek Breaker - District 12									
9,008 tons prepared at Schneck Breaker - District 30									
12,650 tons prepared at Oakwood Breaker - District 30									
1,363 tons prepared at K. & P. Breaker - District 19									
(j) 32,827 tons prepared at Underkoffler Breaker - District 12									
2,544 tons prepared at Kocher Breaker									
(k) 6,457 tons prepared at Donaldson Breaker - District 30									
1,048 tons prepared at Oakwood Breaker - District 30									
2,416 tons prepared at Franklin Breaker - District 30									
90 tons sold to Itinerate truckers - District 12									
(l) 1,377 tons prepared at Penag Breaker - District 30									
10 tons prepared at Donaldson Breaker - District 30									
14 tons prepared at Pine Creek Breaker - District 12									
224 tons prepared at Kocher Breaker									
132 tons prepared at Strohecker Breaker - District 12									
H. & K. Coal Co. formerly operated the Primrose Slope									
produced 132 tons, worked 22 days, 3 men. Ceased operating									
in February 1966.									









Operators and Collieries	County	District 17				Production - net tons				Pounds				Pounds				Days				Fatal			
		Shipped to market:		By:		Used at:		To:		Total:		Pounds:		Total:		Pounds:		worked		Empl-		Fatal			
		By railroad	By truck	By local	By trade	By colliery	By steam	By coal	By coke	By total	By total	By total	By total	By total	By total	By total	By total	By total	By total	By total	By total	By total	By total		
Phillips Coal Co.	DM	1,386	9,604	273	11	11,274	8,300	-	-	296	6	-	-	-	-	-	-	-	-	-	-	-	-		
10 & 10 1/2 Veins, 3 & 4 N.D. Slopes	DM	531	7,560	1,444	10	9,545	2,400	-	-	296	5	-	-	-	-	-	-	-	-	-	-	-	-		
11 Vein, 5 & 6 N.D. Slopes	DM	1,917	17,164	1,717	21	20,819	10,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Total																									
Pine Tree Coal Co.	DM	40	434	25	1	500	a	200	-	100	3	-	-	-	-	-	-	-	-	-	-	-	-		
1 Vein S.D. No. 4 Slope	DM																								
Rackowski Coal Co.	DM	21	171	93	-	285	m	300	-	120	4	-	-	-	-	-	-	-	-	-	-	-	-		
16 Vein N.D. Slope	DM																								
Reed Mining Co.	DM	120	520	360	6	1,006	n	300	-	58	3	-	-	-	-	-	-	-	-	-	-	-	-		
11 Vein N.D. 5 & 6 Slopes	DM																								
Reidinger Coal Mining Co.	DM	357	900	87	1	1,345	o	260	-	96	4	-	-	-	-	-	-	-	-	-	-	-	-		
Zero Vein Lykens S.D. Slope	DM																								
Rocky Mountain Coal Co.	DM	310	3,674	193	8	4,185	p	1,800	-	200	4	-	-	-	-	-	-	-	-	-	-	-	-		
14 Vein N.D. No. 3 Slope	DM																								
Spindel Top Coal Co.	DM	-	-	-	-	-	-	80	-	90	3	-	-	-	-	-	-	-	-	-	-	-	-		
3 Vein S.D. Slope	DM																								
Springdale Coal Co.	DM	873	10,746	751	21	12,391	q	4,950	-	263	4	-	-	-	-	-	-	-	-	-	-	-	-		
7 & 5 Veins, S.D. No. 1 Drift	DM																								
T. & M. Coal Co.	DM	1,060	1,464	185	5	2,714	j	1,550	-	220	3	-	-	-	-	-	-	-	-	-	-	-	-		
14 Vein S.D. No. 2 Slope	DM																								
Trevorton Anthracite Co.	BP	-	-	-	-	-	-	-	-	241	18	-	-	-	-	-	-	-	-	-	-	-	-		
Trevorton Breaker	BP	4,036	611	2,063	-	6,710	-	-	-	16	3	-	-	-	-	-	-	-	-	-	-	-	-		
North Franklin Slush Bank No. 2	Northumberland	12,241	1,852	6,258	-	20,351	-	-	-	72	4	-	-	-	-	-	-	-	-	-	-	-	-		
Trevorton Slush Bank 57-1	Northumberland	333	50	169	-	552	-	-	-	9	3	-	-	-	-	-	-	-	-	-	-	-	-		
Trevorton Refuse Bank 228	Northumberland	16,610	2,513	8,490	-	27,613	r	-	-	-	28	-	-	-	-	-	-	-	-	-	-	-	-		
Total																									
Triple "S" Coal Co.	DM	-	4,800	-	-	4,800	k	5,200	-	240	4	-	-	-	-	-	-	-	-	-	-	-	-		
12 Vein S.D. No. 4 Slope	DM																								
District Total		33,142	114,527	33,525	288	181,482		80,305		205	168														

NOTE: (a) All coal prepared at Sunshine Breaker - District 28.  
 (b) 1,603 tons prepared at C. & J. Breaker - District 20  
 6,089 tons prepared at Bar-Mac Breaker - District 24  
 1,549 tons prepared at Sunshine Breaker - District 28  
 (c) 600 tons prepared at H. J. & H. Breaker - District 17  
 900 tons prepared at Sunshine Breaker - District 28  
 (d) 486 tons prepared at H. J. & H. Breaker - District 17  
 655 tons prepared at Sunshine Breaker - District 28  
 Taglieri Coal Co. operated this mine 5 months of 1966 produced  
 253 tons, worked 66 days, 4 men, used 140 lbs. explosives.

(e) 2,458 tons prepared at D. & Z. Breaker - District 28  
 36 tons prepared at Gloek Breaker - District 24  
 2,453 tons prepared at Split Vein Breaker - District 24  
 3,493 tons prepared at Heidinger Breaker - District 28  
 19,277 tons prepared at Sunshine Breaker - District 28  
 6,437 tons prepared at Sunshine Breaker - District 28  
 8,950 tons prepared at Bar-Mac Breaker - District 24  
 1,278 tons prepared at C. & J. Breaker - District 20





## District 18

Operators and Collieries	County	Production - net tons				Pounds		Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market: By rail	Sold to colliery: By truck	Used at local for steam and heat	Total production	permis- sible ex- plodes	dynamite used				
Lanscoal Mining Co., Inc.	DM Carbon	12,020	8,553	2,236	-	22,809 m	4,500	235	18	-	-
No. 9											
Laurel Hill Coal Co.	DM Schuylkill	-	56	1,046	11	1,113 q	1,000	138	3	-	-
Coal Hill Drift											
Lehigh Valley Anthracite, Inc.	BP Schuylkill	-	-	-	-	-	-	215	6	-	-
Salem Creek Breaker											
Manbeck Dredging Co., Inc.	W Carbon	-	-	-	-	-	-	266	5	-	-
No. 6 Washery											
No. 6 Bank	Carbon	-	60,000	-	-	60,000	-	266	5	-	-
Total		-	60,000	-	-	60,000 r	-	266	10	-	-
Mar Strip & Excavating Co.											
No. 10 Bank	Schuylkill	14,091	10,027	2,620	-	26,738 m	-	214	6	-	2
Mountain Side Coal Co.											
Mountain Side Breaker	BP Schuylkill	-	-	-	-	-	-	293	2	-	-
P. & D. Coal Co.											
Primrose Slope *	DM Schuylkill	-	102	25	-	127 s	-	26	2	-	-
P. & G. Coal Co.											
Schuylkill Bank *	Schuylkill	21	81	126	2	230 t	-	62	2	-	-
Pacine Coal Co.											
Little Orchard Slope *	DM Schuylkill	-	74	30	1	105 u	50	48	2	-	-
R. G. & C. Coal Co.											
Holmes Slope *	DM Schuylkill	-	44	158	-	202 v	-	87	3	-	-
R. & R. Coal Co.											
Brockton Breaker	BP Schuylkill	-	-	-	-	- w	-	155	4	-	-
R. & R. Washery	W Carbon	-	-	-	-	-	-	132	2	-	-
R. & R. Bank	Carbon	-	3,169	-	-	3,169 x	-	132	1	-	-
Total		-	3,169	-	-	3,169	-	7	-	-	-
Randolph Coal Co.											
Randolph Washery	W Carbon	-	8,483	-	-	-	-	271	2	-	-
Randolph Bank	Carbon	-	8,483	-	-	8,483 y	-	271	1	-	-
Total		-	8,483	-	-	8,483 y	-	3	-	-	-
Reading Anthracite Co.											
Pine Forest Cleaner Plant	B Carbon	-	-	-	-	-	-	166	8	-	2
Romanosky Partnership											
Top Split Slope	DM Carbon	-	-	-	-	j	-	20	3	-	-
Schickram, William											
No. 8 Bank	Carbon	20,183	14,362	3,753	-	38,298 m	-	231	11	-	-
Silver Creek Coal Co., Inc.											
Silver Creek Breaker	BP Carbon	-	-	-	-	-	-	88	5	-	-

Operators and Collieries	County	District 18					Production - net tons					Pounds					Days worked	Empl- o- ves	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market By : railroad	By : truck	Sold to local trade	Used at colliery and heat	Total production:	: sible ex- : plives production: used	: permis- : sible ex- : plives production: used	Pounds dynamite used	Pounds dynamite used	Pounds dynamite used	Pounds dynamite used								
Skrinep Coal Co.	DM	-	142	521	-	663 z	310	125	216	2	-	-	-	-	-	-	-			
Skidmore Slope	DM	614	6,553	2,826	101	10,094 aa	5,925	-	189	5	-	-	-	-	-	-	-			
Buck Mountain Slope *	BP	-	-	-	-	-	-	-	234	5	-	-	-	-	-	-	-			
South Yamaqua Coal Pockets	BP	-	-	-	-	-	-	-	50	2	-	-	-	-	-	-	-			
Spring Creek Coal Co.	W	-	-	-	-	-	-	-	192	5	-	-	-	-	-	-	-			
Spring Creek Breaker	Schuykill	46,838	-	-	-	46,838	-	-	192	5	-	-	-	-	-	-	-			
Sunbury Co., Inc., The	Schuykill	46,838	-	-	-	46,838 bb	-	-	10	-	-	-	-	-	-	-	-			
New Philadelphia Washery																				
New Philadelphia Bank																				
Total																				
Three Par Coal Co.	DM	11	486	736	8	1,241 cc	1,000	-	171	3	-	-	-	-	-	-	-			
Holmes Slope	DM	-	402	820	8	1,230 dd	800	-	215	3	-	-	-	-	-	-	-			
Tracy Vein Slope	BP	-	-	-	-	-	-	-	36	2	-	-	-	-	-	-	-			
Walton, John	DM	-	313	3,526	32	3,871 ff	2,575	-	237	4	-	-	-	-	-	-	-			
Whippoorwill Coal Co.	DM	-	539	2,086	23	2,648 gg	1,500	-	154	3	-	-	-	-	-	-	-			
Top Split Slope	DM	-	426	130	5	561 hh	275	-	64	3	-	-	-	-	-	-	-			
Williams Coal Co., Evan	DM	678	3,558	6,948	51	11,235 ii	8,500	-	275	9	-	-	-	-	-	-	-			
Primrose Slope																				
Yob Coal Co.																				
Holmes Slope *																				
Zakrewsky Coal Co.																				
Leader Slope																				
District Total		122,226	177,967	66,926	768	367,887	65,660	6,875	185	372	-	-	-	-	-	-	20			

NOTE: \* Mines completed and permanently abandoned during 1966.

- (a) 5,233 tons prepared at J. & E. Breaker  
 121 tons prepared at Spring Creek Breaker  
 792 tons prepared at Valley Breaker - District 15  
 114 tons prepared at Black Heath Breaker - District 19  
 49 tons prepared at Englewood Breaker - District 26  
 14 tons prepared at Skytop Breaker - District 26  
 (b) All coal prepared at J. & E. Breaker

(c) 1,076 tons prepared at Silver Creek Breaker

- 480 tons prepared at Wesner Breaker - District 15  
 6,717 tons prepared at K. & P. Breaker - District 19  
 4,217 tons prepared at Glenn Worth Breaker - District 19  
 278 tons prepared at Starwood Breaker - District 26  
 146 tons prepared at Silver Creek Breaker  
 4,107 tons prepared at Wesner Breaker - District 15  
 896 tons prepared at K. & P. Breaker - District 19  
 6,406 tons prepared at Skytop Breaker - District 26  
 51 tons prepared at Starwood Breaker - District 26











District 19									
Production - net tons		Production - gross tons		Production - gross tons		Production - gross tons		Production - gross tons	
Shipped to market	By railroad	By truck	By local trade	Used at colliery and steam	Total production	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents
415	270	12	1	697	4	45	1	1	1
415	270	12	1	697	4	45	1	1	1
Operators and Collieries									
Old Mill Coal Yard (Continued)									
Old Mill Slush Bank									
Total									
BP	Schuykill	-	-	-	-	156	3	-	1
DM	Schuykill	-	-	-	-	243	5	-	-
BP	Schuykill	-	-	-	-	135	8	-	-
B	Schuykill	-	-	-	-	240	28	-	6
New St. Nicholas Breaker	Schuykill	-	-	-	-	243	30	-	3
B	Schuykill	-	-	-	-	240	6	-	-
Beechwood Cleaner Plant	Schuykill	664	149	310	1,123 y	9	2	-	-
Anchor Refuse Bank No. 155-C	Schuykill	59,262	-	-	59,262 z	196	4	-	-
Oak Hill Slush Bank No. 73	Schuykill	59,926	149	310	60,385	70	-	-	9
Total									
Rekia Coal Co.	Schuykill	-	828	481	-	1,309 aa	420	-	-
Bottom Split Slope	Schuykill	-	101	26	-	127 bb	50	-	-
Rem Coal Co.	Schuykill	-	131	2,278	16	3,638 cc	1,500	-	-
Peach Mountain Slope	Schuykill	13	1,518	279	15	2,591 dd	1,800	-	-
Rickert Coal Co.	Schuykill	779	6,506	3,869	27	12,299 ee	11,000	4,000	-
Tracy Slope	Schuykill	1,897	435	282	14	748 ff	350	-	-
Scheib Coal Co.	Schuykill	17	6,871	2,774	26	9,722 gg	9,800	-	-
Schein Slope	Schuykill	51	2,298	1,403	13	3,844 hh	1,150	-	-
Seanawaitis Brothers Coal Co.	Schuykill	130	20	16	1	37 l	25	-	-
Bottom Split Slope	Schuykill	-	260	162	2	435 ii	400	-	-
Siminitus Coal Co.	Schuykill	11	260	162	2	435 ii	400	-	-
Snyder Coal Co., Leroy	Schuykill	11	260	162	2	435 ii	400	-	-
Four Foot Slope	Schuykill	11	260	162	2	435 ii	400	-	-
No. 2 Buck Mountain Slope	Schuykill	11	260	162	2	435 ii	400	-	-
Sorokach Coal Co.	Schuykill	11	260	162	2	435 ii	400	-	-
Sorokach Slope	Schuykill	11	260	162	2	435 ii	400	-	-
Studack Partnership	Schuykill	11	260	162	2	435 ii	400	-	-
Buck Mountain Slope	Schuykill	11	260	162	2	435 ii	400	-	-
West Coal Co., Inc.	Schuykill	11	260	162	2	435 ii	400	-	-
No. 1 Slope	Schuykill	11	260	162	2	435 ii	400	-	-
West Coal Co., Inc.	Schuykill	11	260	162	2	435 ii	400	-	-
No. 3 Seven Foot Vein Slope	Schuykill	11	260	162	2	435 ii	400	-	-
Total	Schuykill	11	260	162	2	435 ii	400	-	-

## District 19

Operators and Collieries	County	Production - net tons				Pounds		Days worked	Empl-oyes	Fatal fatal	Non-
		Shipped to market : By : railroad	Sold to colliery : By : local truck: trade	Used at : to colliery for steam and heat	Total : production:	permis-sible ex-plosives used	Pounds dynamite used				
Westwood Coal Co.	DM	397	6,109	3,664	40	10,210 kk	13,000	1,000	208	8	-
Westwood Slope											
Westside Mining Co.	DM	-	741	782	7	1,530 ll	1,250	-	126	3	-
Buck Mountain Slope											
District Total		78,338	111,236	42,707	678	232,959	81,315	6,000	175	316	19

- NOTE: (a) 2,084 tons prepared at DiRenzo Breaker  
114 tons prepared at Black Heath Breaker  
161 tons prepared at K. & P. Breaker  
148 tons prepared at Glenn Worth Breaker  
10 tons prepared at Live Oak Breaker  
13 tons prepared at Reichwein & Beury Breaker - District 26  
Ceased operations in August 1966.  
(b) All coal prepared at DiRenzo Breaker. Ceased operations  
in August 1966.  
(c) 170 tons prepared at Skytop Breaker - District 26  
270 tons prepared at Wesner Breaker - District 15  
(d) All coal prepared at K. & P. Breaker  
(e) 1,109 tons prepared at Maple Spring Breaker  
608 tons prepared at Glenn Worth Breaker  
1,743 tons prepared at Old Mill Breaker  
2,299 tons prepared at B. & N. Breaker - District 18  
(f) All coal prepared at Maple Spring Breaker. Ownership of  
Breaker transferred from Maple Spring Coal Co. on September  
1, 1966 to C.L.S. Coal Co.  
(g) All coal prepared at Minersville Breaker.  
(h) All coal prepared at East Penn Washery - District 18.  
Ceased operations in August 1966.  
(i) 1,117 tons prepared at DiRenzo Breaker  
2,208 tons prepared at K. & P. Breaker  
837 tons prepared at Swatara Breaker - District 21  
162 tons prepared at Silver Creek Breaker - District 18  
542 tons prepared at Wesner Breaker - District 15  
100 tons prepared at Spring Creek Breaker - District 18  
(j) 3,598 tons prepared at Live Oak Breaker  
1,790 tons prepared at Olenick Breaker  
497 tons prepared at Black Heath Breaker  
75 tons prepared at K. & P. Breaker  
1,208 tons prepared at Reichwein & Beury Breaker - District 26  
(k) 106 tons prepared at B. & N. Breaker - District 18  
775 tons prepared at Live Oak Breaker  
80 tons prepared at K. & P. Breaker  
169 tons prepared at Malho Breaker - District 26  
Formerly operated by H. & G. Coal Co. who produced  
1,084 tons, worked 135 days, 4 men, used 900 pounds of  
explosives. Ceased operations in November, 1966.  
(l) All coal prepared at Live Oak Breaker.  
(m) 565 tons prepared at K. & P. Breaker  
278 tons prepared at Maple Spring Breaker  
428 tons prepared at Glenn Worth Breaker  
868 tons prepared at Black Heath Breaker  
1,522 tons prepared at Live Oak Breaker  
862 tons prepared at B. & N. Breaker - District 18  
358 tons prepared at Hillside Breaker - District 21  
(n) 4,924 tons prepared at K. & P. Breaker  
1,101 tons prepared at Maple Spring Breaker  
7,844 tons prepared at Hillside Breaker - District 21  
(o) 3,581 tons prepared at Minersville Breaker  
45 tons prepared at Reichwein & Beury Breaker - Dist. 26  
(p) 1,288 tons prepared at Glenn Worth Breaker  
220 tons prepared at Maple Spring Breaker  
423 tons prepared at Olenick Breaker  
Ceased operations in June 1966.  
(q) Ceased operations in February 1966.  
(r) 3,796 tons prepared at Olenick Breaker  
1,334 tons prepared at Swatara Breaker - District 21  
1,375 tons prepared at D. & Z. Breaker - District 24  
(s) 1,619 tons prepared at Olenick Breaker  
1,245 tons prepared at B. & N. Breaker - District 18  
191 tons prepared at Swatara Breaker - District 21  
2,584 tons prepared at D. & Z. Breaker - District 24

Operators and Collieries		Production - net tons		District 19		Pounds		Non-	
		County		Production - net tons		Pounds		Fatal	



Operators and Collieries		District 20				Pounds permis- sible ex- posed		Pounds dynamite used		Days worked		Fatal acci- dents	
		Shipped to market:	Production - net tons	Used at	Total								
	County	By railroad	By truck	By colliery for steam and heat	By local trade								
O. & M. Coal Co.	DM	136	588	11	1,131 d	1,050	-	-	287	3	-	-	-
Pononiak Brothers Coal Co.	DM	643	301	-	1,319 u	900	-	-	200	3	-	-	-
R. & L. Coal Co.	DM	562	2,435	46	4,682 d	2,500	-	-	130	5	-	-	-
Germantown Slope	DM	14,425	-	-	-	-	-	-	17	10	-	-	-
Richards Bank	BP	-	-	-	-	-	-	-	258	5	-	-	-
Savitski Brothers Coal Sales	DM	-	-	-	-	-	-	-	8	*	-	-	-
Savitski Breaker	DM	-	18	-	30	-	-	-	258	1	-	-	-
No. 1 Slope	DM	-	-	-	-	-	-	-	-	-	-	-	-
No. 1 Shaft	DM	-	18	12	-	30 w	-	-	-	6	-	-	-
Total		332	1,437	967	27	2,763 d	2,800	-	190	4	-	-	-
Scott Coal Co.	DM	316	1,370	922	26	2,634 d x	1,000	-	140	4	-	-	-
Seven Foot Vein Slope	DM	24,247	65,650	29,063	719	119,679	-	-	250	25	-	-	-
Shuey Coal Co., Lawrence	DM	24,247	65,650	29,063	719	119,679 y	-	-	250	18	-	-	-
No. 93 Slope	DM	35	797	264	4	1,100 z	150	-	95	3	-	-	-
State Coal Co., Inc.	DM	5	117	174	-	296 aa	200	-	23	3	-	-	-
Pennsylvania Banks	W	-	-	-	-	-	-	-	-	-	-	-	-
Cleaning Plant	W	-	-	-	-	-	-	-	-	-	-	-	-
Total		116,182	119,454	50,606	1,300	287,542	60,537	-	186	202	-	-	-
Swamp Coal Co.	DM	-	-	-	160	100	-	-	20	3	-	-	-
No. 92 Vein Slope	DM	-	-	-	-	-	-	-	-	-	-	-	-
W. & F. Coal Co.	DM	-	-	-	-	-	-	-	-	-	-	-	-
No. 104 Vein Slope	DM	-	-	-	-	-	-	-	-	-	-	-	-
Yost Coal Co.	DM	-	-	-	-	-	-	-	-	-	-	-	-
Yost Slope	DM	-	-	-	-	-	-	-	-	-	-	-	-
District Total		-	-	-	-	-	-	-	-	-	-	-	-

NOTE: (a) All coal prepared at K. & D. Breaker - District 24.

(b) Ceased operations in May, 1966.

(c) All coal prepared at Glen Burn Breaker - District 24.

(d) Ceased operations in May, 1966.

(e) All coal prepared at Savitski Breaker

(f) All coal prepared at Glen Burn Breaker - District 24.

(g) All coal prepared at D. & Z. Breaker - District 24.

(h) 726 tons prepared at Bar Mac Breaker - District 24

(i) 174 tons prepared at K. & D. Breaker - District 24

(j) Ceased operations in May, 1966.

(k) All coal prepared at D. & Z. Breaker - District 24.

(f) All coal put on stock pile.

(g) 12,389 tons shipped direct to Merck & Co., Inc.

(h) 400 tons prepared at Ace Breaker - District 24

(i) 982 tons prepared at Hoover Breaker - District 24

(j) Changed to C. & J. Coal Co. on May 1, 1966 -

(k) formerly Diamond Coal Co. worked 20 days.

(l) Ceased operations in September, 1966.

(m) Ceased operations in May, 1966.

(n) All coal prepared at D. & Z. Breaker - District 24.



Operators and Collieries	County	District 20 Production - net tons			Pounds			Days worked	Empl- oys	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market:	By:	Used at:	Total:	Explosives:	Dynamite used:				
		By railroad	By truck:	Sold to colliery for steam and heat	production:	used					
<b>Notes:</b>											
(l)	All coal shipped directly to Pennsylvania Power & Light Co.				(t)	Ceased operations in July, 1966.					
(m)	355 tons shipped direct to Merck & Co., Inc.				(u)	436 tons prepared at Bar Mac Breaker - District 24					
(n)	3,279 tons shipped direct to Pennsylvania Power & Light Co.				(v)	883 tons prepared at C. & J. Breaker - District 24					
	Formerly operated by D. K. & M. Coal Co. on June 30, 1966.				(w)	Ceased operations in June, 1966.					
(o)	All coal prepared at Diminick Breaker - District 24.				(x)	All coal prepared at Savitski Breaker.					
(p)	All coal prepared at Diminick Breaker - District 24.				(y)	73,885 tons prepared at Glen Burn Breaker - District 24					
(q)	Development work only.					11,709 tons prepared at C. & J. Breaker					
(r)	1,000 tons prepared at Ranshaw Washery - District 29				(z)	19,010 tons prepared at Glen Burn Breaker - District 11					
	287 tons prepared at Diamond Breaker					15,075 tons shipped direct to Coal Brokers					
	509 tons prepared at C. & J. Breaker					805 tons prepared at Swift Breaker - District 24					
	1,526 tons prepared at Glen Burn Breaker - District 24				(aa)	295 tons prepared at Glen Burn Breaker - District 24					
	400 tons prepared at Diminick Breaker - District 24					16 tons prepared at Diminick Breaker - District 24					
	340 tons prepared at Ace Breaker - District 24					280 tons prepared at Split Vein Breaker - District 24					
(s)	2,039 tons prepared at Swift Breaker - District 24				*	Ceased operations in May 1966.					
	930 tons prepared at Glen Burn Breaker - District 24					Same employees as the Breaker					
<b>Legend:</b>											
					B	- Breaker					
					BP	- Breaker Preparation Only.					
					DM	- Deep Mined					
					W	- Washery					

## District 21

Anthracite Fine Coals, Inc.												
Blue Hill Slope	DM	Schuylkill	1,448	943	39	-	2,430 a	1,500	-	143	9	-
B. & H. Coal Co.												
Bottom Split Slope	DM	Schuylkill	5	358	497	3	863 b	800	-	85	3	-
Buck Coal Co.												
Buck Mountain Slope	DM	Schuylkill	136	603	145	2	886 c	640	-	31	3	-
Dembinsky Coal Co.												
No. 3 Slope	DM	Schuylkill	91	2,015	1,260	10	3,376 d	3,850	-	185	3	-
Falls Coal Co.												
Buck Mountain Slope	DM	Schuylkill	-	758	84	4	846 e	675	-	148	3	-
Fay-Mar Coal Co.												
No. 1 Slope	DM	Schuylkill	1,191	1,085	86	1	2,363 f	900	-	129	4	-
G. & T. Coal Co.												
Buck Mountain Drift	DM	Schuylkill	-	-	-	-	-	-	-	11	2	-
Good Spring Coal Co.												
Buck Mountain Slope	DM	Schuylkill	-	197	22	1	220 e	200	-	42	3	-





Operators and Collieries	County	District 21										Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
		Production - net tons					Pounds								
		Shipped to market: By railroad	By truck	Sold to colliery By local trade	Used at colliery for steam and heat	Total production:	permis- sible ex- ploives used	Pounds dynamite used							
Tokarchek Coal Co.	DM Schuylkill	2,429	2,081	530	10	5,050 bb	2,100	-	223	3	-	-			
Tokarchek Slope															
Tremont Anthracite Co., Inc.	BP Schuylkill	-	-	-	-	-	-	-	54	3	-	-			
Tremont Breaker															
Viola Coal Co.	DM Schuylkill	2,129	1,824	465	8	4,426 bb	1,500	-	235	3	-	-			
Viola-Pozza Slope															
Walatis Coal Co.	DM Schuylkill	36	1,959	479	13	2,487 oo	4,200	300	179	3	-	-			
No. 2 Slope															
Watcher Coal Co.	DM Schuylkill	757	648	165	3	1,573 bb	500	-	196	4	-	-			
No. 2 Slope															
Williams Coal Co., Elmer	DM Schuylkill	-	113	55	-	168 pp	25	-	5	3	-	-			
Holmes Slope															
Worastyla Coal Co.	DM Schuylkill	1,611	1,380	352	7	3,350 bb	3,650	400	255	7	-	-			
Middle Split Slope															
Z. & B. Coal Co.	DM Schuylkill	45	1,083	159	2	1,289 qq	1,600	-	145	3	-	-			
Bottom Split Slope															
Zimmerman Coal Co., Marlin															
Buck Mountain Slope	DM Schuylkill	3,647	12,172	2,531	64	18,414 rr	18,000	-	202	7	-	-			
District Total		49,094	164,500	50,883	594	265,071	195,865	3,150	187	285	-	7			

NOTE: (a) All coal prepared at Donaldson Breaker - District 30.

(b) 11 tons prepared at Tremont Breaker

395 tons prepared at Oakwood Breaker - District 30

9 tons prepared at Pine Creek Breaker - District 12

448 tons prepared at Underkoffler Breaker - District 12

(c) 185 tons prepared at Tremont Breaker

540 tons prepared at Kocher Breaker - District 16

161 tons prepared at Old Mill Breaker - District 19

(d) All coal prepared at Minersville Breaker - District 19.

(e) All coal prepared at Franklin Breaker - District 30.

(f) 1,969 tons prepared at Donaldson Breaker - District 30

193 tons prepared at Superior Breaker - District 16

201 tons prepared at Koch Breaker - District 30

(g) Formerly Huth Coal Co. worked 11 days, 2 employees, no

production. Ceased operating in January, 1966. Changed

to G. & T. Coal Co. in July, 1966.

(h) 4,082 tons prepared at Donaldson Breaker - District 30

260 tons prepared at Kerrigan Breaker - District 12

(i) 679 tons prepared at Hillside Breaker

1,405 tons prepared at Old Mill Breaker - District 19

1,157 tons prepared at Kocher Breaker - District 16

274 tons prepared at D. & Z. Breaker - District 24

425 tons prepared at Reichwein & Beury Breaker - Dist. 26

(j) All coal prepared at Superior Breaker - District 16

(k) 11,809 tons prepared at Hillside Breaker

1,450 tons prepared at Superior Breaker - District 16

40 tons prepared at Schneek Breaker - District 30

(l) 460 tons prepared at Donaldson Breaker - District 30

454 tons prepared at Koch Breaker - District 30

492 tons prepared at Schneek Breaker - District 30

301 tons prepared at Superior Breaker - District 16

998 tons prepared at Oakwood Breaker - District 30

57 tons prepared at Tremont Breaker

## District 21

Production - net tons

: Shipped to market : Sold : Used at

: By : By : to colliery

: : By : local for steam

: : By : trade and heat

## Operators and Collieries

NOTE: (l) 57 tons were produced by Z. & D. Coal Co., worked 9 days, 3 employees, used 25 pounds of explosives. Mine sold to Herring Brothers Coal Co. in February, 1966.

(m) 204 tons prepared at Malho Breaker - District 26

364 tons prepared at K. & P. Breaker - District 19

289 tons prepared at Maple Spring Breaker - District 19

Ceased operations in April, 1966.

(n) All coal prepared at Kocher Breaker - District 16

Ceased operations in May, 1966.

(o) 2,781 tons prepared at Swatara Breaker

6,052 tons prepared at Kocher Breaker - District 16

6,917 tons prepared at Franklin Breaker - District 30

407 tons prepared at Maple Spring Breaker - District 19

215 tons prepared at Legal Breaker - District 16

2,011 tons prepared at Malho Breaker - District 26

(p) 2,141 tons prepared at Swatara Breaker

307 tons prepared at Maple Spring Breaker - District 19

420 tons prepared at B. & N. Breaker - District 18

964 tons prepared at Olenick Breaker - District 19

137 tons prepared at Franklin Breaker - District 30

(q) Ceased operations in June, 1966.

(r) 691 tons prepared at Donaldson Breaker - District 30

14 tons prepared at Oakwood Breaker - District 30

(s) 645 tons prepared at Franklin Breaker - District 30

240 tons prepared at Old Mill Breaker - District 19

(t) 1,396 tons prepared at Maple Spring Breaker - District 19

5,913 tons prepared at Hillside Breaker

19 tons prepared at Kocher Breaker - District 30

(u) 479 tons prepared at Oakwood Breaker - District 30

23 tons prepared at Superior Breaker - District 16

(v) 1,712 tons prepared at Kerrigan Breaker - District 12

194 tons prepared at Donaldson Breaker - District 30

951 tons prepared at Oakwood Breaker - District 30

6 tons prepared at Kocher Breaker - District 30

(w) 5,802 tons prepared at Swift Breaker - District 24

5,885 tons prepared at Schneek Breaker - District 30

1,736 tons prepared at Oakwood Breaker - District 30

46 tons prepared at Kocher Breaker - District 30

305 tons prepared at Pine Creek Breaker - District 12

400 tons prepared at Kocher Breaker - District 16

(x) All coal prepared at Malho Breaker - District 26.  
Ceased operations in March, 1966.

(y) Sold unprepared to New Jersey Zinc Co.

(z) All coal prepared at Tremont Breaker.

Ceased operations in February, 1966.

(aa) 1,018 tons prepared at Hillside Breaker

7,456 tons prepared at Superior Breaker - District 16

5 tons prepared at B. & N. Breaker - District 18

(bb) All coal prepared at Swatara Breaker.

(cc) 130 tons prepared at Hillside Breaker

10,655 tons prepared at Live Oak Breaker - District 19

3,591 tons prepared at Malho Breaker - District 26

693 tons prepared at Franklin Breaker - District 30

(dd) 19 tons prepared at Kocher Breaker - District 30

36 tons prepared at Donaldson Breaker - District 30

(ee) 4,501 tons prepared at Swatara Breaker

2,961 tons prepared at Kocher Breaker - District 16

(ff) 153 tons prepared at Swatara Breaker

5,041 tons prepared at Donaldson Breaker - District 30

1,524 tons prepared at Maple Spring Breaker - District 19

(gg) All coal prepared at Franklin Breaker - District 30

Formerly F. B. Stump Coal Co. produced 138 tons, worked 5 days, same men.

(hh) 437 tons prepared at Swatara Breaker

1,555 tons prepared at Kocher Breaker - District 16

481 tons prepared at Live Oak Breaker - District 19

1,173 tons prepared at K. & P. Breaker - District 19

1,020 tons prepared at Maple Spring Breaker - District 19

1,395 tons prepared at Franklin Breaker - District 30

641 tons prepared at Olenick Breaker - District 19

72 tons prepared at Malho Breaker - District 26

(ii) 100 tons prepared at Glenn Worth Breaker - District 19

3,197 tons prepared at Swatara Breaker

6,993 tons prepared at Franklin Breaker - District 30

1,332 tons prepared at Live Oak Breaker - District 19

4,296 tons prepared at Olenick Breaker - District 19

683 tons prepared at Kocher Breaker - District 16

1,874 tons prepared at K. & P. Breaker - District 19

	Operators and Collieries	County	Production - net tons		Shipped to market : By : railroad	Used at : to colliery : local for steam and heat	Pounds : permis- sible ex- plosives production: used	Days worked	Fatal acci- dents	Non- fatal denis
			Production	net tons						
NOTE:	(jj)	161 tons prepared at Tremont Breaker								
		3,880 tons prepared at Donaldson Breaker - District 30								
	(kk)	758 tons prepared at Koch Breaker - District 30								
		436 tons prepared at Swatara Breaker								
	(ll)	8,174 tons prepared at Donaldson Breaker - District 30								
		1,420 tons prepared at Donaldson Breaker - District 30								
		355 tons prepared at Oakwood Breaker - District 30								
		143 tons prepared at Koch Breaker - District 30								
	(mm)	3,364 tons prepared at Kocher Breaker - District 16								
		5,973 tons prepared at Reichwein & Beury Breaker - District 26								
		40 tons prepared at D. & Z. Breaker - District 24								
	(nn)	1,899 tons prepared at Kocher Breaker - District 16								
		5,294 tons prepared at Schnock Breaker - District 30								
		3,600 tons prepared at Franklin Breaker - District 30								
	(oo)	1,662 tons prepared at Franklin Breaker - District 30								
		702 tons prepared at K. & P. Breaker - District 19								
		132 tons prepared at Glen Worth Breaker - District 19								
		11 tons prepared at Live Oak Breaker - District 19								

District 23											
Al Mar Coal Co.		5,724	4,423	1,344	-	11,491 a	12,875	-	310	7	-
Holmes Slope	DM										
B. & B. Coal Co.											
No. 9 Vein T.S. Slope	DM	323	33	1,052	-	1,408 b	1,100	-	143	4	-
B. & S. Coal Co.											
Primrose S.D. Slope	DM	3,534	982	393	-	4,909 c	2,350	-	254	6	-
Brady, Victor											
No. 8 Vein Slope	DM	551	153	61	-	765 c	650	-	95	3	-
Chango Coal Co.											
Holmes Vein Slope	DM	6,791	2,182	833	12	9,818 d	9,200	-	298	6	1
Else Coal Co.											
Skidmore Slope	DM	-	230	376	-	606 e	525	-	135	2	-
G. & G. Coal Co.											
No. 10 Vein Rock Slope	DM	165	311	-	10	486 f	450	-	64	3	-
G.M.P. Coal Co.											
Mammoth Vein Tender Slope	DM	3,822	1,197	413	7	5,439 g	2,700	-	248	9	1
L. & L. Coal Co.											
No. 10 Vein Slope	DM	60	-	251	3	314 h	300	-	103	3	-



Operators and Collieries	County	District 23				Production - net tons				Pounds				Days worked	Empl- o- ves	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market	By rail	By truck	Sold to local trade	Used at colliery for steam and heat	Total production	Sible explosives used	Permissible explosives used	Total production	Sible explosives used	Permissible explosives used	Total production				
Lone Pine Coal Co. No. 4 Vein Slope	DM	3,092	859	343	-	-	4,294 c	1,050	-	249	3	-	-	-	-	-	-
R.B.F. Coal Co. Scott Bank	Northumberland	129	435	18	8	-	590 i	-	-	20	4	-	-	-	-	-	-
Ramph Coal Co., Melvin No. 10 Vein Slope	DM	483	375	793	-	-	1,651 j	1,700	-	180	3	-	-	-	-	-	-
Reading Anthracite Co. Locust Summit Breaker	BP	-	-	-	-	-	-	-	-	238	5	-	-	-	-	-	-
Sanders Coal Co. No. 9 Vein T. S. Slope	DM	1,689	469	188	-	-	2,346 c	650	-	225	4	-	-	-	-	-	-
Split Vein Coal Co. No. 8 Vein Rock Slope	DM	-	199	325	-	-	524 e 1	600	-	80	3	-	-	-	-	-	-
Susquehanna Coal Co. Wayville No. 2 Slope	DM	507	2,197	1,478	42	-	4,224 m	1,475	725	30	47	-	-	-	-	-	-
Witkoski Coal Co. No. 10 Vein Slope	DM	57	16	7	-	-	80 c	50	-	20	3	-	-	-	-	-	-
Yanik Bros. Coal Co. No. 8 Vein Slope	DM	1,223	340	136	-	-	1,699 c	1,120	-	261	3	-	-	-	-	-	-
Zanella Bros. Coal Co. Primrose S.D. Slope	DM	2,422	1,437	2,092	24	-	5,975 n	6,150	-	291	6	-	-	-	-	-	-
Zigarski Coal Co. No. 10 Vein Slope	DM	1,275	360	144	-	-	1,779 c	1,250	-	185	3	-	-	-	-	-	-
District Total		31,847	16,198	10,247	106	-	58,398	44,195	725	139	127	-	-	-	-	-	-

NOTE: (a) 7,950 tons prepared at D. & Z. Breaker - District 24  
 3,541 tons prepared at Swift Breaker - District 24  
 (b) 1,312 tons prepared at Bar Mac Breaker - District 24  
 96 tons prepared at C. & J. Breaker - District 20  
 (c) All coal prepared at D. & Z. Breaker - District 24  
 (d) 9,227 tons prepared at D. & Z. Breaker - District 24  
 591 tons prepared at Legal Breaker - District 16  
 (e) All coal prepared at Split Vein Breaker - District 24  
 (f) All coal prepared at Diminick Breaker - District 24  
 (g) 1,185 tons prepared at Diminick Breaker - District 24  
 616 tons prepared at Blaschak Breaker - District 26  
 74 tons prepared at D. & Z. Breaker - District 24  
 2,898 tons prepared at C. & J. Breaker - District 20

(h) 244 tons prepared at D. & Z. Breaker - District 24  
 70 tons prepared at Hoover Breaker - District 24  
 (i) 380 tons prepared at Diminick Breaker - District 24  
 30 tons prepared at Split Vein Breaker - District 24  
 180 tons prepared at Ranshaw Washery - District 29  
 (j) 868 tons prepared at Bar Mac Breaker - District 24  
 341 tons prepared at Swift Breaker - District 24  
 344 tons prepared at D. & Z. Breaker - District 24  
 98 tons prepared at C. & J. Breaker - District 20  
 (k) Coal prepared at other breakers is further refined for industrial filters, etc.  
 (l) Formerly operated by Kozar Coal Co., produced 524 tons, worked 80 days, 3 men. Changed to Split Vein Coal Co. in November, 1966.



Operators and Collieries	County	District 24					Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		Production - net tons									
		Shipped to market : By : railroad	Sold to local : trade and heat	Used at colliery : for steam	Total : production	Permissible : pounds					
Hoover Mining Co.	BP	-	-	-	-	-	-	307	3	-	-
Hoover Breaker											
J. & S. Coal Co.	DM	-	62	16	-	78 d	25	19	3	-	-
No. 5 Vein N.D. Slope											
K. & D. Coal Co.	BP	-	-	-	-	-	-	276	3	-	-
K. & D. Breaker											
Lower Region Colliery	W	-	-	-	-	-	-	300	5	-	-
Lytle Brothers Coal Co.											
No. 9 Vein N.D. Slope	DM	-	-	-	-	-	100	150	3	-	-
P. & S. Coal Co.											
No. 10 Vein N. D. Slope	DM	-	-	-	-	-	50	75	31	2	-
Radziewicz Brothers Coal Co.											
No. 8 Vein N.D. Slope	DM	-	980	245	-	1,225 d	575	162	3	-	-
Ranshaw Transportation & Wreckers											
Neilson Bank		-	41,279	-	-	41,279 i	-	221	5	-	-
Reidinger Coal Service, Inc.											
Reidinger Breaker	BP	-	-	-	-	-	-	275	8	-	6
Rosini Coal Co.											
Carbon Run Breaker	BP	-	-	-	-	-	-	268	19	-	-
Split Vein Coal Co.											
Split Vein Breaker	BP	-	-	-	-	-	-	306	17	-	-
Steam Coals, Inc.											
North Line Breaker	BP	-	-	-	-	-	-	136	6	-	-
Swift Coal Sales											
Swift Breaker	BP	-	-	-	-	-	-	307	7	-	-
District Total		13,927	105,473	23,636	320	143,356	42,250	17,550	162	512	34

NOTE: (a) All coal prepared at Split Vein Breaker - District 24.  
 (b) All coal prepared at Carbon Run Breaker - District 24.  
 (c) All coal prepared at Reidinger Breaker - District 24.  
 (d) All coal prepared at Swift Breaker - District 24.  
 (e) 2,340 tons prepared at Split Vein Breaker - District 24  
 2,529 tons prepared at Swift Breaker - District 24  
 (f) All coal prepared at Glen Burn Breaker - District 24.  
 (g) Formerly operated by Susquehanna Coal Co. who worked Glen Burn Colliery from January to July, 1966; worked 128 days with 191 men. Changed to Glen Burn Colliery, Inc. in

July, 1966 worked 156 days with 53 men.

(h) Susquehanna Coal Co. operated the West Drift Mine up to August, 1966 - produced 53,062 tons, worked 128 days, 89 men, 12 non-fatal accidents, used 17,150 pounds of explosives, 17,200 pounds of dynamite. Changed to H. & S. Coal Co. in August 1966 - worked 94 days with 37 men, 3 non-fatal accidents.

(i) All coal prepared at Lower Region Washery.

## District 26

Operators and Collieries	County	Production - net tons					Pounds		Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market: By : railroad	Sold : By : truck	Used at : local colliery and heat	Total : production	Permissible : pounds	Permissible : pounds	Permissible : pounds				
A. D. & G. Coal Co. Buck Mountain Slope	DM Columbia	-	868	2,016	-	2,884 a	1,950	-	197	4	-	-
Alessi Coal Co. Buck Mountain Slope	DM Schuylkill	-	54	228	-	282 b	175	-	19	4	-	-
Aljac Coal Co., Inc. No. 1 Copley Buck Slope	DM Schuylkill	-	339	1,657	-	1,996 c	950	-	96	13	-	-
Ashland Community Enterprises, Inc. Pioneer Tunnel	DM Schuylkill	-	-	-	-	- d	-	-	301	22	-	-
B. & N. Coal Co. Buck Mountain Slope	DM Schuylkill	921	499	140	8	1,568 e	310	50	102	4	-	-
Blaschak Bros. Coal Co. Skidmore Slope	DM Schuylkill	-	-	-	-	- f	-	-	-	-	-	-
Blaschak Coal Co. Blaschak Breaker	B Schuylkill	-	-	-	-	-	-	-	205	13	-	-
Botella Coal Co., James Packer No. 3 Bank	Schuylkill	2,568	-	1,391	134	4,093 g	-	-	42	2	-	-
Brokenshire & Co. Buck Mountain Slope	DM Schuylkill	-	541	2,300	10	2,851 h	900	-	272	4	-	-
Capparell Coal Co., Inc. Rosa Breaker	B Schuylkill	-	-	-	-	-	-	-	262	39	-	3
Capparell Stripping & Construction Co., Inc. Kohinoor Bank	Schuylkill	6,537	3,616	3,756	-	13,909	-	-	120	9	-	-
Kebley Run Bank	Schuylkill	16,260	8,995	8,342	-	33,597	-	-	178	21	-	-
Packer No. 5 Bank	Schuylkill	14,061	7,778	8,080	-	29,919	-	-	212	11	-	-
William Penn Bank	Schuylkill	1,064	588	612	-	2,264	-	-	19	6	-	-
Total		37,928	20,971	20,790	-	79,689 i	-	-	-	47	-	-
DiCasimiro Contracting Co. Hammond Bank	Schuylkill	-	-	-	-	- j	-	-	4	8	-	-
Dyszel Coal Co. Buck Mountain Slope	DM Schuylkill	97	156	787	-	1,040 k	300	-	250	2	-	-
Englewood Coal Co. Englewood Breaker	BP Schuylkill	-	-	-	-	-	-	-	312	2	-	-
Forsum Coal Co. No. 6 Slope	DM Schuylkill	2,000	1,500	700	-	4,200	5,320	3,000	238	6	-	-
No. 7 Slope	DM Schuylkill	3,467	2,587	529	-	6,583	5,319	6,600	238	5	-	-
Total		5,467	4,087	1,229	-	10,783 l	10,639	9,600	-	11	-	-
Forgotsch Bros. Coal Co. Buck Mountain Slope	DM Schuylkill	-	151	644	-	795 m	350	-	296	2	-	-

## District 26

Operators and Collieries	County	Production - net tons					Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
		Shipped to market : By railroad	By truck	Sold to local trade	Used at colliery for steam and heat	Total production					
G. & B. Coal Co. Seven Foot Slope Gilberton Coal Co. Gilberton Bank Gilberton Breaker W Schuykill Schuykill Saint Nicholas Slush Bank Total	DM Columbia  Schuykill Schuykill Schuykill Schuykill	- 53,375 104,974 158,349	3,734 - 3,393 3,393	934 - - -	- - - -	4,668 n 53,375 108,367 161,742 o	3,000 - - -	216 42 213 190	5 5 90 12 5	- - - -	- - 33 3 -
H. & M. Coal Co. No. 2 Slope H.M.B. & P. Coal Co. Buck Mountain Slope Hard Top Coal Co. Buck Mountain Slope J. & D. Coal Co. Buck Mountain Slope Jeddo-Highland Coal Co. Midvalley Fine Coal Plant Jones Coal Co. No. 1 Tunnel Drift Locust Valley Coal Co., Inc. Mahanoy City Bank Mount Hazle Breaker Total	DM Schuykill DM Schuykill DM Schuykill DM Schuykill DM Schuykill W Columbia DM Schuykill Schuykill Schuykill Schuykill	631 438 1,280 295 - - 11,153 11,153	340 237 693 475 - 496 16,961 16,961	97 68 197 860 - 1,488 922 922	2 - 6 8 - - - -	1,070 e 743 e 2,176 p 1,638 q - 1,984 s 29,036 29,036 t	375 500 1,500 300 - 800 - -	127 132 276 187 56 202 187 187	3 4 5 4 4 5 2 8 10	- - - - - - - -	- - - - - - - -
Lehigh Valley Anthracite, Inc. Mammoth Breaker Morea Breaker Morea Bank Park No. 2 Bank Total	B Schuykill B Schuykill Schuykill Schuykill	- 6,633 12,606 19,239	- 2,302 74 2,376	- 11,781 60 11,841	- 123 - 123	- 20,839 12,740 33,579 u	- - - -	- 61 61 26	62 23 5 9 99	- - - -	8 - - -
M. C. Coal Co. Buck Mountain Slope Makarczyk Bros. Coal Co. Holmes Slope Malho Coal Co. Malho Breaker Marion Mining Co., Inc. Connerton Drift	DM Schuykill DM Schuykill B Schuykill DM Schuykill	- 333 - 1,425	- 170 - 3,041	30 62 - 4,942	- - - 96	30 q 565 v - 9,504 t	- 110 - 8,300	47 54 304 220	2 3 4 23**	- - - -	- - - -





## District 26

Operators and Collieries	County	Production - net tons			Pounds			Non-fatal acci- dents
		Shipped to market:	By:	Used at:	Total production:	Permissible dynamite used	Days worked	Fatal acci- dents
White Birch Coal Co.		By railroad	By truck	to local trade				
Buck Mountain Slope	DM	998	1,275	1,822	102	500	45	-
District Total		491,433	72,028	112,886	512	52,449	169	62

## NOTES: (a) All coal prepared at Split Vein Breaker - District 24.

- (b) All coal prepared at Skytop Breaker.  
Ceased operations in January, 1966.
- (c) All coal prepared at Starwood Breaker.  
Ceased operations in May, 1966.
- (d) No production.
- (e) All coal prepared at Mammoth Breaker - District 26  
Slopes used for pumping.
- (f) All coal prepared at C. & J. Breaker - District 20.  
2,851 tons prepared at Skytop Breaker
- (h) 27 tons prepared at Starwood Breaker
- (i) All coal prepared at Rosa Breaker.
- (j) Coal on stock pile at Gilberton Fine Coal Plant.
- (k) 500 tons prepared at Englewood Breaker
- (l) 540 tons prepared at Reichwein & Beury Breaker  
10,513 tons prepared at Gilberton Breaker
- (m) 270 tons prepared at Starwood Breaker  
780 tons prepared at Skytop Breaker
- (n) 15 tons prepared at Starwood Breaker
- (o) All coal prepared at Swift Breaker - District 24  
All coal prepared at Gilberton Fine Coal Plant.
- (p) All coal prepared at Mammoth Breaker. Formerly operated by Beaver Coal Co. - produced 1,000 tons, worked 110 days same men.
- (q) All coal prepared at Reichwein & Beury Breaker.
- (r) Fine coal plant idle year of 1966, 4 men on maintenance only.
- (s) All coal prepared at Mazaika Breaker - District 15.
- (t) All coal prepared at Blaschak Breaker
- (u) 20,839 tons prepared at Morea Breaker
- 12,740 tons prepared at Lion Breaker - District 15
- (v) All coal prepared at Mammoth Breaker. Ceased operations in May, 1966.
- (w) All coal prepared at D. & Z. Breaker - District 24.
- (x) All coal prepared at Mountain Side Breaker-District 18.
- (y) 5,856 tons prepared at Starwood Breaker  
260 tons prepared at Mazaika Breaker - District 15
- (z) 241,462 tons prepared at St. Nicholas Fine Coal Plant  
2,438 tons prepared at St. Nicholas Breaker-Dist. 19
- (aa) All coal prepared at Glen Burn Breaker - District 24.  
Ceased operations in May, 1966.
- (bb) All coal prepared at Starwood Breaker. Ceased operations in February, 1966.
- (cc) All coal prepared at Mammoth Breaker. Ceased operations in April, 1966.
- (dd) Ceased operations in November, 1966. Slopes used for pumping.
- (ee) All coal prepared at Valley Breaker - District 15.
- (ff) All coal prepared at Skytop Breaker. Ceased operations in July, 1966.
- (gg) 3,357 tons prepared at Blaschak Breaker  
840 tons prepared at Mammoth Breaker  
Ceased mining coal in April, 1966.
- \*\* Men transferred from White Birch Coal Co. to Marion Mining Co., Inc.
- B -Breaker  
BP -Breaker Preparation Only.  
DM -Deep Mined  
W -Washery

## District 28

Operators and Collieries	County	Production - net tons			Pounds			Non-fatal acci- dents
		Shipped to market:	By:	Used at:				
Alarcon Coal Co.		By railroad	By truck	to local trade				
No. 3 Slope	DM	8,431	11,675	1,514	-	7,825	313	15
B. & B. Coal Co.	DM	-	-	4,000	-	400	160	4
No. 2 Slope								

Operators and Collieries	County	District 28				Production - net tons				Pounds				Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
		Shipped to market :		Used at :		Sold :		To colliery :		Total :		To permis- sible ex- plosives					
		By :	By :	By :	By :	By :	By :	By :	By :	By :	By :	By :	By :				
		railroad	truck	trade	heat	trade	heat	trade	heat	production	used	permis- sible ex- plosives	dynamite used				
B. K. & P. Coal Co.	DM Northumberland	-	-	1,342	-	-	-	-	-	1,342 b	300	-	-	309	3	-	-
No. 2 Slope *	DM Northumberland	430	4,540	367	4	-	-	-	-	5,341 c	2,100	-	-	230	4	-	-
Bell Coal Co.	DM Northumberland	8,393	980	494	7	-	-	-	-	9,874 d	1,475	-	-	303	5	-	-
D. & J. Coal Co.	DM Northumberland	1,155	12,556	722	5	-	-	-	-	14,438 e	20,000	-	-	311	9	-	-
Zero Vein Slope	DM Northumberland	230	2,448	194	8	-	-	-	-	2,880 c	2,900	-	-	240	4	-	-
E. & T. Coal Co.	DM Northumberland	405	4,301	344	10	-	-	-	-	5,060 c	1,500	-	-	163	7	-	-
No. 2 Slope	DM Northumberland	-	-	13,835	-	-	-	-	-	13,835 f	5,000	-	-	260	7	-	1
F. & M. Coal Co.	DM Northumberland	-	-	426	-	-	-	-	-	426 g	450	-	-	284	2	-	-
Garcia Coal Co.	DM Northumberland	920	1,640	-	10	-	-	-	-	2,570 h	775	-	-	128	3	-	-
No. 4 Slope	DM Northumberland	100	-	250	-	-	-	-	-	350 c	200	-	-	45	3	-	-
H. & W. Coal Co.	DM Northumberland	212	2,248	183	21	-	-	-	-	2,664 c	750	-	-	150	4	-	-
K. & K. Coal Co.	DM Northumberland	459	4,873	394	7	-	-	-	-	5,733 c	2,150	-	-	304	5	-	-
No. 2 Slope *	DM Northumberland	1,457	405	162	-	-	-	-	-	2,024 c	500	-	-	140	3	-	-
Kerstetter Coal Co.	DM Northumberland	2,412	335	603	-	-	-	-	-	3,350 i	1,225	-	250	285	3	-	-
Zero Vein Slope	DM Northumberland	235	2,493	187	18	-	-	-	-	2,933 c	450	-	-	219	3	-	-
Lotus Coal Co.	DM Northumberland	-	-	1,600	-	-	-	-	-	1,600 j	660	-	-	160	3	-	-
No. 3 Slope	DM Northumberland	245	2,125	125	5	-	-	-	-	2,500 c	1,000	-	-	200	6	-	-
M. G. & S. Coal Co.	DM Northumberland	1,072	298	119	-	-	-	-	-	1,489 i	1,500	-	-	271	4	-	-
No. 4 Slope	DM Northumberland	633	6,725	538	16	-	-	-	-	7,912 c	4,725	-	-	302	5	-	-
Mattis Coal Co.	DM Northumberland	-	-	1,155	-	-	-	-	-	1,155 g	500	-	-	88	5	-	-
No. 2 Slope *	DM Northumberland	-	-	1,155	-	-	-	-	-	1,155 g	500	-	-	88	5	-	-
Maurer Coal Co., Paul F.	DM Northumberland	-	-	1,155	-	-	-	-	-	1,155 g	500	-	-	88	5	-	-
Zero Vein Slope	DM Northumberland	-	-	1,155	-	-	-	-	-	1,155 g	500	-	-	88	5	-	-
Mayton Bros. Coal Co.	DM Northumberland	-	-	1,155	-	-	-	-	-	1,155 g	500	-	-	88	5	-	-
No. 9 Vein Slope	DM Northumberland	-	-	1,155	-	-	-	-	-	1,155 g	500	-	-	88	5	-	-
No. 1 Vein Coal Mine	DM Northumberland	-	-	1,155	-	-	-	-	-	1,155 g	500	-	-	88	5	-	-
No. 1 Slope	DM Northumberland	-	-	1,155	-	-	-	-	-	1,155 g	500	-	-	88	5	-	-
No. 5 Vein Coal Co.	DM Northumberland	-	-	1,155	-	-	-	-	-	1,155 g	500	-	-	88	5	-	-
No. 5 Slope *	DM Northumberland	-	-	1,155	-	-	-	-	-	1,155 g	500	-	-	88	5	-	-

Operators and Collieries	County	District 28					Pounds dynamite used	Days worked	Empl- oys	Fatal acci- dents	Non- fatal acci- dents
		Production - net tons									
		Shipped to market By : railroad	Sold to colliery By : truck	Used at local trade and heat	Total production	Permis- sible ex- ploives used					
Nork Coal Co.	DM	-	-	1,362	-	1,362 j	500	-	120	3	-
No. 2 Slope *											
P. & R. Coal Co.	DM	1,460	-	760	4	2,224 h	900	-	218	3	-
No. 5 Vein Rock Slope											
Primrose Coal Co.	DM	35	-	300	-	335 i	100	-	65	3	-
No. 8 Vein Slope *											
SLC-Burn Coal Co.	DM	7,454	-	3,840	-	11,294 k	6,000	-	260	6	-
No. 2 Slope											
South Mountain Coal Co.	DM	833	-	480	9	1,322 l	500	-	65	4	-
No. 1 Slope *											
Split Vein Coal Co.	DM	-	8,582	339	-	8,921 m	4,800	-	253	4	-
Trevorton Slope											
Sunshine Coal Co.	BP	-	-	-	-	-	-	-	306	13	-
Sunshine Breaker											
Twin Oaks Coal Co.	DM	360	3,824	310	5	4,499 c	1,500	-	240	3	-
No. 4 Slope											
M. & S. Coal Co.	DM	3,540	984	385	-	4,909 c	2,800	-	238	4	-
Zero Vein Slope											
Wehry Coal Co., Paul	DM	-	-	2,242	-	2,242 g	1,200	-	205	2	-
No. 5 Vein Rock Slope											
West Cameron Coal Co.	DM	-	-	13,635	-	13,635 n	6,500	-	298	5	-
No. 2 Slope											
District Total		40,471	71,032	52,207	129	163,839	81,185	250	235	157	1

NOTE: (a) All coal prepared at Carbon Run Breaker - District 24.

(b) All coal prepared at Savitski Breaker - District 20.

(c) All coal prepared at Sunshine Breaker.

(d) 7,734 tons prepared at Ace Breaker - District 10

(e) 2,140 tons prepared at Sunshine Breaker

333 tons prepared at Ace Breaker - District 10

930 tons prepared at Bar Mac Breaker - District 24

(f) 1,260 tons prepared at Latsha Breaker

(g) All coal prepared at Swift Breaker - District 24.

(h) All coal prepared at K. & D. Breaker - District 24.

(i) All coal prepared at D. & Z. Breaker - District 24.

(j) All coal prepared at Gains Breaker - District 29.

(k) 5,182 tons prepared at Bar Mac Breaker - District 24

(l) 6,112 tons prepared at C. & J. Breaker - District 20.

(m) All coal prepared at Split Vein Breaker - District 24.

(n) 4,351 tons prepared at Swift Breaker - District 24

9,284 tons shipped to Merck Chemical Co., Danville, Pa.

B - Breaker

BP - Breaker Preparation Only.

DM - Deep Mined

W - Washery

\* Ceased operations in 1966.

NOTES: (a) All coal prepared at Carbon Run Breaker - District 24.  
 (b) All coal prepared at Savitski Breaker - District 20.  
 (c) All coal prepared at Sunshine Breaker.  
 (d) 7,734 tons prepared at Ace Breaker - District 10  
 2,140 tons prepared at Sunshine Breaker  
 11,915 tons prepared at Sunshine Breaker  
 333 tons prepared at Ace Breaker - District 10  
 930 tons prepared at Bar Mac Breaker - District 24  
 1,260 tons prepared at Latscha Breaker  
 (f) All coal prepared at Swift Breaker - District 24.  
 (g) All coal prepared at K. & D. Breaker - District 24.  
 (h) All coal prepared at Diminick Breaker - District 24.  
 \* Ceased operations in 1966.

B - Breaker  
 BP - Breaker Preparation Only.  
 DM - Deep Mined  
 W - Washery

(i) All coal prepared at D. & Z. Breaker - District 24.  
 (j) All coal prepared at Cains Breaker - District 29.  
 (k) 5,182 tons prepared at Bar Mac Breaker - District 20  
 6,112 tons prepared at C. & J. Breaker - District 20  
 (l) All coal prepared at C. & J. Breaker - District 20.  
 (m) All coal prepared at Split Vein Breaker - District 24.  
 (n) 4,351 tons prepared at Swift Breaker - District 24  
 9,284 tons shipped to Merck Chemical Co., Danville, Pa.

District 29														
Production - net tons														
: Shipped to market : Used at														
: By : to colliery : sible ex-														
: By : local : Total : pounds														
: railroad truck: trade and heat : production: used														
County														
Cains Coal Co.	BP	Northumberland	-	-	-	-	-	-	-	-	305	3	-	-
Cains Breaker	DM	Northumberland	-	41	-	-	41 a	25	-	10	3	-	-	-
D.D.Z. Slope	DM	Northumberland	-	600	-	-	600 b	400	-	70	3	-	-	-
D.V.W. Coal Co.	DM	Northumberland	-	684	-	-	684 c	300	-	65	3	-	-	-
G. & M. Coal Co.	DM	Northumberland	-	-	-	-	- d	175	50	13	2	-	-	-
G. & M. Slope	DM	Northumberland	-	-	-	-	-	725 a	575	126	2	-	-	-
H. & B. Coal Co.	DM	Northumberland	-	725	-	-	-	3,585 e	200	225	3	-	-	-
H. & B. Drift	DM	Northumberland	-	1,920	-	-	-	1,920 a	1,500	250	2	-	-	-
H.K.Z. Coal Co.	DM	Northumberland	-	4,230	-	-	-	4,230 f	750	236	4	-	-	-
H.K.Z. Slope	DM	Northumberland	-	-	-	-	-	50,387 g	-	128	4	-	-	-
K.H.N. Coal Co.	DM	Northumberland	-	3,585	-	-	-	23,631	-	106	6	-	-	-
No. 11 N.D. Slope	DM	Northumberland	-	1,920	-	-	-	-	-	300	2	-	-	-
Motto Partnership	DM	Northumberland	-	4,230	-	-	-	23,631 h	-	8	-	-	-	-
Motto Slope	DM	Northumberland	-	-	-	-	-	-	-	-	-	-	-	-
Pine Line Coal Co.	DM	Northumberland	-	-	-	-	-	-	-	-	-	-	-	-
Pine Line Drift	DM	Northumberland	-	-	-	-	-	-	-	-	-	-	-	-
Racho, George	DM	Northumberland	-	-	-	-	-	-	-	-	-	-	-	-
Luke Fidler Bank	DM	Northumberland	-	-	-	-	-	-	-	-	-	-	-	-
Ranshaw Transportation & Auto Wreckers Co.	DM	Northumberland	-	-	-	-	-	-	-	-	-	-	-	-
Luke Fidler Bank	DM	Northumberland	-	23,631	-	-	-	23,631	-	106	6	-	-	-
Ranshaw Washery	W	Northumberland	-	-	-	-	-	-	-	300	2	-	-	-
Total			-	23,631	-	-	-	23,631 h	-	8	-	-	-	-
West Point Coal Co.	DM	Northumberland	-	451	-	-	-	451 a	125	92	2	-	-	-
West Point Slope	DM	Northumberland	-	440	-	-	-	440 i	100	25	5	-	-	-
Windsor Coal Co.	DM	Northumberland	-	-	-	-	-	-	-	-	-	-	-	-
Windsor Drift	DM	Northumberland	-	-	-	-	-	-	-	-	-	-	-	-
District Total			50,387	36,307	-	-	-	86,694	4,150	725	137	44	-	-

NOTE: (a) All coal prepared at D. & Z. Breaker - District 24.  
 (b) 120 tons prepared at Split Vein Breaker - District 24.  
 (c) All coal prepared at K. & D. Breaker - District 24.  
 (d) All coal prepared at Diminick Breaker - District 24.  
 (e) No production.  
 (f) All coal prepared at Swift Breaker - District 24.  
 (g) All coal shipped unprepared to P.P. & L. Co. at Sunbury and Scranton, Pa.  
 (h) All coal prepared at Ranshaw Washery.  
 (i) All coal prepared at D. & Z. Breaker - District 24.  
 40 tons prepared at Ace Breaker - District 24.  
 360 tons shipped unprepared to Merck Chemical Co., Danville, Pa.



Operators and Collieries	County	District 30 Production - net tons				Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market: By railroad	By truck	Sold to local trade	Used at colliery for steam and heat					
Mercury Coal Co., Inc. (Continued)	DM	7,568	22,036	5,611	56	35,271	18,100	253	20	1
Primrose Slopes	Schuykill	23,174	69,853	12,222	98	105,347	66,000	60	19	19
Oakwood Coal Co., Inc. Total	BP	-	-	-	-	-	-	283	9	-
Oakwood Breaker	Schuykill	-	-	-	-	-	-	193	13	2
Penag Coal Co.	B	5,172	2,010	48,940	-	56,122	21,800	193	68	11
Penag Breaker	DM	5,172	2,010	48,940	-	56,122	21,800	81	13	13
Penag Colliery Total		-	-	-	-	-	-	-	-	-
Potts Contracting Co., Allen	BP	-	-	-	-	-	-	5	2	-
Potts Breaker	Schuykill	-	-	-	-	-	-	303	6	-
Schneck Coal Co., Thomas W.	BP	-	-	-	-	-	-	33	1	-
Schneck Breaker	Schuykill	-	-	-	-	-	-	-	-	-
Weihruch's, Frank	DM	-	71	15	-	86	25	-	-	-
Buck Mountain Slope	Schuykill	-	-	-	-	-	-	-	-	-
District Total		50,154	107,482	76,418	176	234,230	125,225	450	222	33

NOTES: (a) 2,997 tons prepared at Donaldson Breaker  
189 tons prepared at Penag Breaker  
Ceased operations in May, 1966.  
(b) 2,009 tons prepared at Donaldson Breaker  
2,011 tons prepared at D. & Z. Breaker - District 24  
12 tons prepared at Kocher Breaker - District 16  
(c) 1,030 tons prepared at Donaldson Breaker  
2,440 tons prepared at Superior Breaker - District 16  
1,879 tons sold unprepared to J. & C. Sales - District 12  
(d) 9,240 tons prepared at Donaldson Breaker  
115 tons prepared at Oakwood Breaker  
(e) All coal prepared at Donaldson Breaker  
(f) All coal prepared at Emerich Washery.  
(g) 102 tons prepared at Tremont Breaker - District 21  
156 tons prepared at Donaldson Breaker  
14 tons prepared at Koch's Breaker  
Ceased operations in January, 1966.  
(h) Ceased operations in September, 1966.  
(i) 6,286 tons prepared at Oakwood Breaker  
1,745 tons prepared at Donaldson Breaker

(j) 5,992 tons prepared at Koch's Breaker  
201 tons prepared at Tremont Breaker - District 21  
1,125 tons prepared at Donaldson Breaker  
25 tons prepared at Oakwood Breaker  
(k) 5,710 tons prepared at Swatara Breaker - District 21  
9,311 tons prepared at Underkoffler Breaker - District 12  
3,248 tons prepared at D. & Z. Breaker - District 24  
225 tons prepared at Kerrigan Breaker - District 12  
(l) 1,901 tons prepared at Legal Breaker - District 16  
13 tons prepared at Donaldson Breaker  
(m) 114 tons prepared at Black Heath Breaker - District 19  
197 tons prepared at Kocher Breaker - District 16  
1,014 tons prepared at Koch's Breaker  
455 tons prepared at Oakwood Breaker  
(n) 438 tons prepared at Donaldson Breaker  
(o) 126 tons silt bank material prepared at Donaldson Breaker  
48,953 tons prepared at Kocher Breaker - District 16  
7,179 tons prepared at D. & Z. Breaker - District 24  
1,345 tons sold unprepared to Kocher Crusher - Dist. 16  
38,539 tons prepared at Superior Breaker - Dist. 16







# **REPORT OF OIL AND GAS DIVISION**

## REPORT OF THE ACTIVITIES OF THE OIL AND GAS DIVISION

TABLE # 1  
SUMMARY OF ACTIVITIES

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>
1. Drilling Permits Issued in Coal Areas	208	334	320	313	296	277	350	320	364	331	320
2. Drilling Permits Issued in Coal Areas within Purview of Act 359 #	-	-	-	-	-	9	34	43	24	20	51
3. Total Wells Coal Areas (Items 1 and 2)	208	334	320	313	296	286	384	363	388	351	371
4. Drilling Permits Issued in Non-Coal Areas in compliance with Act 359 #	-	-	-	-	-	10	35	51	74	26	11
5. Reported Wells in Non-Coal Areas - File Numbers Issued	642*	678*	744*	495*	643*	467*	445*	532*	782*	653*	653*
6. Total Wells Non-Coal Areas (Items 4 and 5)	642	678	744	495	643	477	480	583	856	679	664
7. Total Wells Coal and Non-Coal Areas (Items 3 and 6)	850	1012	1064	808	939	763	864	946	1244	1030	1035
8. Total Drilling Permits Issued within Act 359 (Items 2 and 4) #	-	-	-	-	-	19	69	94	98	46	62
9. Drilling Canceled - Permits and Non-Coal Area Wells	-	1	21	29	281	49	8	24	27	118	82
10. Wells Reported Drilled	375	819	888	799	949	782	766	749	1149	968	997
11. Plugging Numbers Issued	95	171	176	226	245	268	269	246	372	287	564
12. Plugging Numbers Canceled	-	2	5	19	9	20	12	21	23	15	7
13. Wells Reported Plugged and Abandoned	70	130	110	181	237	243	254	204	353	267	319
14. Pillar Permits Issued	259	195	111	79	105	128	87	108	105	145	299
15. Pillar Permits Canceled	-	-	-	-	-	-	9	-	2	3	1

# Act 359 of 1961 - Oil and Gas Conservation Law, Approved July 25, 1961. Effective Date September 25, 1961

\* Permits not required for wells in non-coal areas, except those wells coming within purview of Act 359 of 1961

TABLE #2  
SUMMARY OF ACTIVITIES BY COUNTIES  
JANUARY - DECEMBER 1966

County	Drilling Permits Issued	Reported Wells Non-Coal Areas	Total	Drilling Canceled	Wells Reported Drilled	Plugging Numbers Issued	Plugging Canceled	Wells Reported Plugged & Abandoned	Pillar Permits Issued	Pillar Permits Canceled	DRILLING PERMITS ISSUED WITHIN JURISDICTION OF ACT 359 OF 1961	
											Coal Areas	Non-Coal Areas
Allegheny	9	-	9	2	7	11	1	10	42	-	-	-
Armstrong	62	5	67	8	72	26	2	24	35	-	4	4
Beaver	-	1	1	-	2	-	-	1	-	-	-	-
Blair	-	-	-	-	1	1	-	1	-	-	-	-
Bradford	2	-	2	-	1	1	-	1	-	-	2	2
Butler	7	2	9	3	10	244	3	10	17	-	-	-
Cambria	2	-	2	-	3	1	-	-	-	-	-	1
Centre	-	-	-	-	1	1	-	1	-	-	-	-
Clarion	13	6	19	2	12	33	-	35	-	-	-	1
Clearfield	12	-	12	2	11	12	-	13	5	-	-	1
Crawford	1	14	15	2	15	1	-	1	-	-	-	1
Elk	-	2	2	-	2	-	-	-	-	-	-	-
Erie	-	80	80	-	80	5	-	3	-	-	-	-
Fayette	3	-	3	-	2	4	-	2	-	-	-	1
Forest	-	36	36	-	36	8	-	8	-	-	-	-
Franklin	-	1	1	-	1	-	-	-	-	-	-	-
Fulton	-	-	-	-	1	-	-	1	-	-	-	-
Greene	12	-	12	-	10	30	-	28	156	1	-	-
Indiana	127	-	127	35	105	16	-	19	5	-	1	1
Jefferson	79	1	80	21	70	7	-	11	1	-	39	39
McKean	-	229	229	-	227	21	-	21	-	-	-	-
Mercer	2	-	2	-	2	-	-	1	-	-	-	2
Potter	1	10	11	-	12	5	-	5	-	-	-	1
Somerset	4	-	4	1	2	1	-	1	-	-	3	1
Tioga	1	-	1	-	-	-	-	-	-	-	-	1
Venango	-	54	54	-	58	9	-	9	-	-	-	-
Warren	-	210	210	-	206	82	-	82	-	-	-	-
Washington	13	-	13	2	16	20	-	13	37	-	1	1
Westmoreland	32	-	32	3	30	25	1	18	1	-	3	3
Wyoming	-	2	2	-	2	-	-	-	-	-	-	-
TOTAL	382	653*	1035	82	997	564	7	319	299	1	51	11
												62+

(\*) Permits are not required for wells drilled in non-coal areas.

(+) Included in total of 382 drilling permits issued.





TABLE # 3

## SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED

JANUARY - DECEMBER, 1966

COMPANY	Allegheny	Armstrong	Bradford	Butler	Cambria	Clarion	Clearfield	Crawford	Fayette	Greene	Indiana	Jefferson	Mercer	Potter	Somerset	Tioga	Washington	Westmoreland	TOTAL
Griffith, Charles M.	-	1	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2
Hilty, D. L.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Humphrey-Stone-McColl Corporation	-	9	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	9
J. and J. Enterprises, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
Jack Drilling Company, S. W.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
James Drilling Corporation	-	2	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	2	9
Joint Venture	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Joint (R. F. Schall, Agent)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Joy Gas and Oil Company	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Judson, R. L.	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Kerpoe, Stanley J.	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	3
Kewanee Oil Company	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	14
Kutch, Vincent	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Manufacturers Light and Heat Company, The	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	6
Macco Drilling Supply Company	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1
Macco Drilling Oil and Gas Company	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Mid-Atlantic Oil and Gas Company	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	7
Mid-East Oil Company	-	-	-	-	-	-	-	-	-	-	4	6	-	-	-	-	-	-	10
Minter, Lee E.	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	3
Myers, Gilbert K.	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2
Nadolaki, Julie D.	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Nuss, Furman L. et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Oesterling, Richard F.	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Parsons Brothers	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	2



TABLE # 3

## SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED

JANUARY - DECEMBER, 1966

COMPANY	Allegheny	Armstrong	Bradford	Butler	Cambria	Clarion	Clearfield	Crawford	Rayette	Greene	Indiana	Jefferson	Mercer	Potter	Somerset	Tioga	Washington	Westmoreland	TOTAL
United Natural Gas Company	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	3
Walker Gas and Oil Company	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Waverly Oil Works Company, The	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	4	-	4
Whisner, A. L.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Wright, R. S.	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Wilson, H. C.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Wood, William	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Wray, John R.	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Young, Charles E.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
TOTAL	9	62	2	7	2	13	12	1	3	12	127	79	2	1	4	1	13	32	382











TABLE #4  
SUMMARY BY COUNTIES AND COMPANIES OF REPORTED WELLS NON-COAL AREAS

JANUARY - DECEMBER 1966

COMPANY	Armstrong	Beaver	Butler	Clarion	Crawford	Elk	Erie	Forest	Franklin	Jefferson	McKean	Potter	Venango	Warren	Wyoming	TOTAL
Reynolds, Snavley and Dobrowalski	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Rock Drilling Company	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Rodnok, George	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	1
S. and M. Enterprises, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
Seavy and Sharp	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Second Sand Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Seyberton Gas Company	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
Shearer, James I.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Shaffer Company, Paul E. (R. B. Robertson, Agent)	-	-	-	1	-	-	-	-	-	-	-	-	-	20	-	1
Sides and Walcott	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Simmons, Jr., V. H.	-	-	-	-	-	-	2	-	-	-	-	-	1	2	-	3
Smith and Michno	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	2
Sunset International Petroleum Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Swanson, J. Algot	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Sweet Ridge Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4
Sylvania Corporation, The	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	4
Taurus Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
Thorsen, Robert	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Thorsen Company, Robert	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1
Travis, A. and Kreps, W. E.	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Tri Penn Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Tri Penn Oil Company, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Transamerican Petroleum Corporation	-	-	-	-	-	-	1	-	-	-	29	-	-	-	-	30



TABLE #4  
 SUMMARY BY COUNTIES AND COMPANIES OF REPORTED WELLS NON-COAL AREAS  
 JANUARY - DECEMBER, 1966

COMPANY	Armstrong	Beaver	Butler	Clarton	Crawford	Elk	Erie	Forest	Franklin	Jefferson	McKean	Potter	Vanango	Warren	Wyoming	TOTAL
York, Jesse M. and Elizabeth	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
TOTAL	5	1	2	6	14	2	80	36	1	1	229	10	54	210	2	653

TABLE # 5  
SUMMARY BY COUNTIES  
TYPE OF WELLS REPORTED DRILLED  
JANUARY - DECEMBER 1966

County	Total Wells Drilled	Gas	Gas & Oil	Oil	Storage	Intake	Dry	Waste Disposal	Salt Water & Other	Test
Allegheny	7	4	-	1	2	-	-	-	-	-
Armstrong	72	65	-	-	-	-	7	-	-	-
Beaver	2	-	-	-	-	1	1	-	-	-
Blair	1	-	-	-	-	-	1	-	-	-
Bradford	1	-	-	-	-	-	-	-	-	1
Butler	10	6	-	2	-	-	2	-	-	-
Cambria	3	2	-	-	-	-	1	-	-	-
Centre	1	-	-	-	-	-	1	-	-	-
Clarion	12	6	1	1	-	-	4	-	-	-
Clearfield	11	9	-	-	-	-	2	-	-	-
Crawford	15	14	-	-	-	-	1	-	-	-
Elk	2	-	1	-	-	-	1	-	-	-
Erie	80	76	-	-	1	-	3	-	-	-
Fayette	2	2	-	-	-	-	-	-	-	-
Forest	36	1	3	16	-	-	16	-	-	-
Franklin	1	-	-	-	-	-	1	-	-	-
Fulton	1	-	-	-	-	-	1	-	-	-
Greene	10	4	-	-	1	-	5	-	-	-
Indiana	105	98	-	-	-	-	7	-	-	-
Jefferson	70	66	-	-	-	-	4	-	-	-
McKean	227	5	4	84	-	126	6	-	-	2
Mercer	2	1	-	-	-	-	1	-	-	-
Potter	12	-	-	1	4	-	7	-	-	-
Somerset	2	1	-	-	-	-	1	-	-	-
Venango	58	-	-	53	-	-	5	-	-	-
Warren	206	1	3	180	-	2	20	-	-	-
Washington	16	5	-	3	1	-	4	-	-	3
Westmoreland	30	29	-	-	-	-	1	-	-	-
Wyoming	2	1	-	-	-	-	1	-	-	-
TOTAL	997	396	12	341	9	129	104	-	-	6



TABLE # 6

## SUMMARY BY COUNTIES AND COMPANIES OF PLUGGING NUMBERS ISSUED

JANUARY - DECEMBER, 1966

COMPANY	Allegheny	Armstrong	Blair	Bradford	Butler	Cambria	Centre	Clarion	Clearfield	Crawford	Erie	Rayette	Forest	Greene	Indiana	Jefferson	McKean	Potter	Somerset	Venango	Warren	Washington	Westmoreland	TOTAL
Goal Drilling Company	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Great Lakes Gas Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Grim, R. O.	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Groves and Sons Company, S. J.	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Humphrey-Stone-McColl Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
James Drilling Corporation	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Kewanee Oil Company	-	2	-	-	-	-	-	-	9	-	-	-	-	-	-	2	-	5	-	-	-	-	1	3
Kintex Drilling Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Kurtz, Elmer J.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
M. D. M. Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	3
M. and T. Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Manufacturers Light and Heat Co., The	1	2	-	-	-	-	-	1	-	-	-	1	9	-	-	-	-	-	-	1	1	6	2	22
Mays, James A.	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Mid-Atlantic Oil and Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mid-East Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Monessen, Redevelopment Authority, City of	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
North Penn Gas Company	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	1	-	2
Nuss, Furman L., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
O'Donnell, Clyde J.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Parker Petroleum Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Pennsylvania Department of Forest & Waters	-	-	-	236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	236
Pennsylvania Department of Highways	-	1	-	-	-	-	-	23	1	-	1	-	-	-	-	-	-	-	-	7	3	-	-	36
Pennsynd Petroleum, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2
Peoples Natural Gas Company, The	4	1	-	-	-	1	-	-	-	-	-	1	-	-	4	-	-	-	-	-	-	1	16	28



TABLE # 6  
SUMMARY BY COUNTIES AND COMPANIES OF PLUGGING NUMBERS ISSUED  
JANUARY - DECEMBER, 1966

COMPANY	Allegheny	Armstrong	Blair	Bradford	Butler	Cambria	Centre	Clarion	Clearfield	Crawford	Erie	Payette	Forest	Greene	Indiana	Jefferson	McKean	Potter	Somerset	Venango	Warren	Washington	Westmoreland	TOTAL
Petrotherm Industries, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Phillips Gas and Oil Company, T. W.	1	9	-	-	-	-	-	2	2	-	-	-	-	-	2	-	-	-	-	-	-	1	2	1
Phillips Petroleum Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
Pittsburgh Plate Glass Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Preston Oil Company, The	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4
Quaker State Oil Refining Corporation	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	2
Red Bank Corporation	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Richards, E. M. and McGregor, W. G.	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	1
Royal Oil and Gas Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Shakley, Glen A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Spider Drilling Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Sun Oil Company	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	1
Sunset International Petroleum Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Summerlea, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Thrower, William	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Union Drilling Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
United Natural Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
United States Army Engineering Corps (Allegheny Reservoir Plugging)	-	2	-	-	-	-	-	1	-	-	-	-	-	1	-	1	-	-	-	-	-	1	-	4
Waverly Oil Works Company, The	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	80
Weaver Oil and Gas Corporation and Canusa Oil and Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	1	-	1
Weaver Oil and Gas Corporation and Schoellkopf, et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1

TABLE # 6

## SUMMARY BY COUNTIES AND COMPANIES OF PLUGGING NUMBERS ISSUED

JANUARY - DECEMBER, 1966

COMPANY	Allegheny	Armstrong	Blair	Bradford	Butler	Cambria	Centre	Clarion	Clearfield	Crawford	Erie	Payette	Forest	Greene	Indiana	Jefferson	McKean	Potter	Somerset	Venango	Warren	Washington	Westmoreland	TOTAL
Weaver Oil and Gas Corporation	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	1	-	-	4
Shenandoah Energy	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Weaver Oil and Gas Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
and United States Natural Gas Corp.	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	1
Wharton, Robert L.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Windy Hill Farms	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	11	26	1	1	244	1	1	33	12	1	5	4	8	30	16	7	21	5	1	9	82	20	25	564





TABLE #7  
 SUMMARY BY COUNTIES AND COMPANIES OF WELLS REPORTED PLUGGED AND ABANDONED  
 JANUARY - DECEMBER 1966

COMPANY	Allegheny	Armstrong	Beaver	Blair	Bradford	Butler	Centre	Clarion	Clearfield	Crawford	Erie	Fayette	Forest	Fulton	Greene	Indiana	Jefferson	McKean	Mercer	Potter	Somerset	Venango	Warren	Washington	Westmoreland	TOTAL
Pennsylvania Department of Highways	-	-	-	-	-	-	-	23	1	-	1	-	-	-	1	-	-	-	1	-	-	7	3	-	-	36
Pennsyrnd Petroleum, Incorporated	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Peoples Natural Gas Company, The	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	11	-	1
Phillips Gas and Oil Company, T. W.	-	1	9	-	-	-	-	1	2	-	-	-	-	-	-	3	4	-	-	-	-	-	-	3	-	23
Phillips Petroleum Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Pittsburgh Plate Glass Company	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2
Preston Oil Company The	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	-	4
Quaker State Oil Refining Corporation	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	2
Royal Oil and Gas Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Schafer, J. A.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Schafer, J. Alvin	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Shakley, Glen A.	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Shelocka Oil and Gas Company	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Spider Drilling Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Sun Oil Company	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Sunset International Petroleum Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Summerlee, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Thrower, William	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Union Drilling, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
United Natural Gas Company	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	2	-	-	-	-	-	2	-	-	2
United States Army Engineering Corps	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
(Allegheny Reservoir Plugging)	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	10	-	-	-	-	70	-	-	80

TABLE #7

## SUMMARY BY COUNTIES AND COMPANIES OF WELLS REPORTED PLUGGED AND ABANDONED

JANUARY - DECEMBER 1966

COMPANY	Allegheny	Armstrong	Beaver	Blair	Bradford	Butler	Centre	Clarion	Clearfield	Crawford	Erie	Payette	Forest	Pulton	Greene	Indiana	Jefferson	McKean	Mercer	Fotler	Somerset	Venango	Warren	Washington	Westmoreland	TOTAL
Washington Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Waverly Oil Works, The	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Weaver Oil and Gas Corporation & Canusa Oil and Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	1	-	3
Weaver Oil and Gas Corporation & Schoellkopf, et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Weaver Oil and Gas Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Snee and Eberly	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-	-	-	-	1	-	4
Weaver Oil and Gas Corporation & United States Natural Gas Corporation	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Wharton, Robert L.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Widenhofer, G. N.	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Wilson, H. C.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Windy Hill Farms	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2
Wood, and Others, Blaine	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL	10	24	1	1	1	10	1	35	13	1	3	2	8	1	28	19	11	21	1	5	1	9	82	13	18	319

TABLE # 8

## SUMMARY BY COUNTIES AND COMPANIES OF PILLAR PERMITS ISSUED

JANUARY - DECEMBER, 1966

COMPANY	Allegheny	Armstrong	Butler	Clearfield	Greene	Indiana	Jefferson	Washington	Westmoreland	TOTAL
Allegheny River Mining Company	-	2	-	-	-	-	-	-	-	2
Bethlehem Mines Corporation	-	-	-	-	2	-	-	6	-	8
Black Diamond Coal Company	-	-	-	-	-	2	-	-	-	2
Buckeye Coal Company, The	-	-	-	-	1	-	-	-	-	1
Burkett, Ralph D.	-	1	-	-	-	-	-	-	-	1
Canterbury Coal Company	-	6	-	-	-	-	-	-	-	6
Carpentertown Coal & Coke Company	-	3	-	-	-	-	-	-	-	3
Duquesne Light Company	-	-	-	-	136	-	-	-	-	136
F. & E. Coal Company, Inc.	-	4	-	-	-	-	-	-	-	4
Gateway Coal Company	-	-	-	-	3	-	-	-	-	3
Goldstrom Coal Company	-	1	-	-	-	-	-	-	-	1
Harmar Coal Company	11	-	-	-	-	-	-	-	-	11
Imperial Coal Corporation	-	-	-	-	-	1	-	-	-	1
Jamison Coal Company	-	-	-	-	-	-	-	-	1	1
Jones & Laughlin Steel Corporation	-	-	-	-	2	-	-	1	-	3
K. and M. Coal Company	-	1	-	-	-	-	-	-	-	1
Lady Jane Collieries, Inc.	-	-	-	5	-	-	-	-	-	5
Leechburg Mining Company	-	1	-	-	-	-	-	-	-	1
Markle - Bullers Coal Company	-	-	-	-	-	-	1	-	-	1
Mathies Coal Company	-	-	-	-	-	-	-	10	-	10
Molnar Coal Mining Company, Inc.	-	-	-	-	2	-	-	-	-	2
National Mines Corporation	-	-	-	-	-	-	-	-	-	3
Peles Brothers Coal Company	-	-	-	-	-	1	-	-	-	1
Pittsburgh Coal Company	-	-	-	-	-	-	-	15	-	15
Powell Coal Company	-	1	-	-	-	-	-	-	-	1
Republic Steel Corporation	24	-	14	-	1	-	-	-	-	39
Ringgold Mines, Incorporated	-	-	-	-	-	1	-	-	-	1
Rochester & Pittsburgh Coal Co.	7	15	-	-	-	-	-	-	-	22
Union Carbide Corporation	-	-	3	-	-	-	-	-	-	3
Mining & Metals Division	-	-	-	-	-	-	-	-	-	-
United States Steel Corporation	-	-	-	-	6	-	-	5	-	11
TOTAL	42	35	17	5	156	5	1	37	1	299



OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

ANNUAL REPORT, 1966

It should be noted that only wells controlled by the Oil and Gas Conservation Law of 1961, effective September 25, 1961, are included in the following report.

With respect to the tables showing data taken from completion reports filed, it should be observed that statistics for permits issued in any one year cannot be considered complete until all well records are filed.

The Commission maintains jurisdiction over the filing of well survey logs that may have been, or may be, taken in any well drilled under the control of the Conservation Law. The table showing the logs filed is to be expected to change, even for a previous permit year, as additional logs are filed.

Wells under Commission jurisdiction, as shown in the table, will increase until such time as the number of productive wells, produced, depleted and plugged during any one period shall equal or exceed the number of new wells reported to be productive during such period. That only seven productive wells have been reported as having been produced, depleted and plugged, is indication that peak jurisdiction of the Commission has not yet been approached.

The Commission headquarters and offices are located in Room 506, Benedum Trees Building, 223 Fourth Avenue, Pittsburgh, Pennsylvania 15222. The telephone number is 565-5392.

Employees consist of the Secretary to the Commission, and a secretary.

OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

ANNUAL REPORT 1966

	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>TOTAL PERMITS SINCE 9/25/61*</u>
Drilling Permits Issued	19	69	94	93	46	62	388
Cancellations as of end 1966	0	4	11	13	5	7	40
Effective Permits	19	65	83	85	41	55	348

\* - Effective Date of Oil and Gas Conservation Law

Completion Report Filing Status

P E R M I T S

	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>TOTAL</u>
Reports Received as of end 1965	18	65	82	78	25	-	268
During 1966	-	-	-	-	14	30	44
Unreported as of end 1966	1	-	1	7	2	25	36

Well Record Information

	<u>WILDCAT WELLS</u>		<u>FIELD WELLS</u>		<u>TOTAL WELLS</u>	
	<u>Gas</u>	<u>Dry</u>	<u>Gas</u>	<u>Dry</u>	<u>Gas</u>	<u>Dry</u>
1961 Permits	1	11	4	2	5	13
1962 Permits	8	27	23	7	31	34
1963 Permits	16	17	37	12	53*	29
1964 Permits	5	25	41	7	46*	32
1965 Permits	6	25	5	3	11	28
1966 Permits	4	7	19	-	23	7

(\*) Includes wells productive of both oil and gas: 1-1963 Permit; 3-1964 Permits.  
Note: Wells having been projected to depths controlled by Oil and Gas Conservation Law, and not having reached such formations, together with wells having penetrated formations covered by the Conservation Law and found to be unproductive at such depths, thence plugged back to produce gas from shallow depths not covered by the Law, are considered for Commission purposes to be dry.

OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

Wells under Commission Jurisdiction

	<u>1961</u> <u>Permits</u>	<u>1962</u> <u>Permits</u>	<u>1963</u> <u>Permits</u>	<u>1964</u> <u>Permits</u>	<u>1965</u> <u>Permits</u>	<u>1966</u> <u>Permits</u>	<u>Total</u>
Wells Reported Productive	5	31	53	46	11	23	169
Dry Wells to be Plugged	1	1	2	1	2	1	8
Active Wells Unreported	<u>1</u>	<u>-</u>	<u>1</u>	<u>7</u>	<u>2</u>	<u>25</u>	<u>36</u>
	7	32	56	54	15	49	213
Less Productive Wells Produced and Plugged	<u>-</u>	<u>2</u>	<u>5</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>7</u>
	7	30	51	54	15	49	206

Number of Operators

	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>
By Year	12	22	24	24	18	18
Cumulative (Since 9/25/61 Effective Date of Law)	12	26	38	48	52	57

Temperature, Electric and Radioactivity Logs Filed

	<u>1961</u> <u>Permits</u>	<u>1962</u> <u>Permits</u>	<u>1963</u> <u>Permits</u>	<u>1964</u> <u>Permits</u>	<u>1965</u> <u>Permits</u>	<u>1966</u> <u>Permits</u>	<u>Total</u>
Number of Survey Logs Filed	26	77	222	231	70	32	658
Number of Wells Surveyed	12	27	71	78	31	17	236

Statement of Income - 1966

Drilling Permits Fees	62 Permits @ \$25.00 each	\$1,550.00
Spacing Order Application Fee	1 Application at \$250.00	<u>250.00</u>
Total Income		\$1,800.00

PRODUCTIVE WELLS BY COUNTY (Excludes wells produced, depleted and plugged)

	<u>1961</u> <u>PERMITS</u>	<u>1962</u> <u>PERMITS</u>	<u>1963</u> <u>PERMITS</u>	<u>1964</u> <u>PERMITS</u>	<u>1965</u> <u>PERMITS</u>	<u>1966</u> <u>PERMITS</u>
Armstrong	-	-	-	-	-	-
Beaver	-	-	-	-	-	-
Bedford	-	4	9	6	-	-
Blair	-	-	-	-	-	-
Bradford	-	-	-	-	-	-
Cambria	-	-	-	-	2	1
Cameron	2	11	-	-	-	-
Carbon	-	-	-	-	-	-
Center	-	-	-	-	-	-
Clarion	-	-	1	1	-	-
Clearfield	1	1	1	2	-	-
Clinton	-	-	-	-	-	-
Crawford	-	2	19	30	-	-
Elk	1	2	-	-	-	-
Erie	-	-	-	-	-	-
Fayette	1	1	1	1	-	-
Fulton	-	-	-	-	-	-
Greene	-	-	-	-	-	-
Indiana	-	-	7	-	1	-
Jefferson	-	-	-	-	6	20
Juniata	-	-	-	-	-	-
Lawrence	-	-	-	-	-	-
Lycoming	-	-	-	-	-	-
McKean	-	-	-	-	-	-
Mercer	-	-	1	1	1	-
Monroe	-	-	-	-	-	-
Northumberland	-	-	-	-	-	-
Potter	-	5	-	-	-	-
Somerset	-	-	1	1	-	1
Tioga	-	-	-	-	-	-
Warren	-	-	-	-	-	-
Washington	-	-	-	-	-	-
Wayne	-	-	-	-	-	-
Westmoreland	-	3	8	4	1	1
	-	-	-	-	-	-
	5	29	48	46	11	23

Permits by County  
(Cancellations Excluded)

	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>
Armstrong	-	-	1	-	-	2
Beaver	-	-	-	-	1	-
Bedford	-	5	10	11	3	-
Blair	1	-	-	-	1	-
Bradford	1	-	2	-	-	1
Cambria	-	2	-	-	2	1
Cameron	3	14	1	2	-	-
Carbon	-	1	-	1	1	-
Center	-	-	1	1	1	-
Clarion	-	-	1	3	1	1
Clearfield	2	6	4	4	1	-
Clinton	-	1	-	-	-	-
Crawford	-	2	25	44	4	1
Elk	1	3	1	-	-	-
Erie	-	2	-	1	1	-
Fayette	2	2	1	2	1	1
Fulton	-	-	-	-	3	-
Greene	-	1	-	-	-	-
Indiana	-	5	17	1	2	1
Jefferson	-	-	1	-	7	36
Juniata	-	-	-	1	-	-
Lawrence	-	-	-	1	1	-
Lycoming	2	-	-	-	-	-
McKean	1	1	1	1	1	-
Mercer	-	1	2	2	1	2
Monroe	-	-	-	-	-	-
Northumberland	-	-	-	-	-	-
Potter	1	8	1	1	1	1
Somerset	1	3	1	1	1	3
Tioga	2	1	-	-	1	1
Warren	1	-	1	1	2	-
Washington	-	-	-	-	-	1
Wayne	-	-	-	-	1	-
Westmoreland	<u>1</u>	<u>7</u>	<u>12</u>	<u>7</u>	<u>3</u>	<u>3</u>
Number of Wells	19	65	83	85	41	55
Number of Counties						
By Year	13	18	18	18	23	14
Cumulative		22	26	28	31	32

OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

BOARD OF COMMISSIONERS

The Commissioners serve without compensation other than traveling and other necessary expenses.

The following are members of the Board of Commissioners:

Honorable H. B. Charnbury		Serving by Statute
Department of Mines and Mineral Industries		
Charles P. Duncan, Jr., Chairman*	Representing	Major Utility Gas
J. R. Wylie, Jr., Vice Chairman*	"	Major Non-Utility Gas
William E. Snee	"	Independent Gas
W. Floyd Clinger	"	Independent Oil
Harold J. Magner	"	Independent Oil or Gas
Charles E. McGinnis	"	Major Oil

W. Roy Cunningham, Deputy Secretary, Oil and Gas Division, has served as a Commissioner, having represented Honorable H. B. Charnbury at the Commission meetings and hearings when Dr. Charnbury has been unable to be present.

Edward S. Martin and Leon Ehrlich, Deputy Attorney General, have served as legal advisors to the Commission.

Robert J. Hartman is Secretary of the Commission.

MEETINGS OF COMMISSIONERS

During 1966, the Board of Commissioners held 11 scheduled meetings to consider the administrative affairs of the Commission, conducted two public hearings, entered one spacing order, and held many informal conferences among themselves on the special problems of the Commission.

\* Elected November 28, 1966, to serve for the calendar year 1967, succeeding William E. Snee, Chairman, and Charles P. Duncan, Jr., Vice Chairman.

OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

Spacing and Integration Orders

During 1966, the Commission held two hearings on an application for a spacing order. As a result, Spacing Order No. 7 was entered, in the Rager Mountain Pool, Cambria County, Pennsylvania.

Areas totaling 29,433 acres are subject to Spacing Order control as of the end of 1966.

<u>NAME OF POOL</u> <u>COUNTIES</u> <u>DISCOVERY DATE</u>	<u>SPACING</u> <u>ORDER</u> <u>AREA</u>	<u>SPECIFIC</u> <u>UNITS</u> <u>ESTABLISHED</u>	<u>MINIMUM</u> <u>DISTANCE</u> <u>BETWEEN</u> <u>WELLS</u>	<u>DISTANCE</u> <u>FROM UNIT</u> <u>BOUNDARY</u>	<u>MINIMUM</u> <u>UNIT</u>
Five Forks Bedford 6-16-62	3,105 acres	7 units averaging 449 acres, but two wells were drilled on each of two units, making the average 345 acres per well	2500'	600'	250 acres Specific units designated
Artemas Bedford 6-29-63	3,378 acres	12 units averaging 282 acres	2500'	650'	Specific units designated
Blairsville Westmoreland & Indiana 11-1-62	6,400 acres		3000'	660	400 acres
Murrysville Westmoreland & Allegheny 9-19-63	7,600 acres	2 units 602 acres, and 604 acres	4000'	1400'	600 acres
Somerset Somerset 1-22-64	2,550 acres	4 units averaging 637 $\frac{1}{2}$ acres	3000'	1000'	Specific units designated
Rager Mountain Cambria 10-19-65	6,400 acres	2 units 640 acres, and 619 acres, with authorization for issuance of 2 drill- ing permits on units having specified common boundaries with established units	3500'	1000'	600 acres (750 acres maximum)



OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

WILDCAT WELLS - REPORTED PRODUCTIVE

- JEF-426 An extension of the Elk Run Pool was discovered on April 26, 1966, in the George Harper No. 1 Well, of J. & J. Enterprises, Inc., in Perry Township, Jefferson County. Initial production was reported as being 11,300 MCF, natural, with a rock pressure reported at 3960 psig, deadweight, in 48 hours plus. Total depth is 7390 feet, with top of the Oriskany shown at 7284 feet. Closest production in the Elk Run Pool was about a mile and a half to the northwest.
- JEF-434 J. & J. Enterprises, Inc. discovered gas in the Dee Sutter No. 1 Well, in Perry Township, Jefferson County, June 7, 1966, the well showing an initial open flow, natural, of 186 MCF per day. After fracture, the well was tested, June 22nd, and an open flow of 6,288 MCF per day was gauged, with a rock pressure of 3985 psig in 71 hours. The well is located almost two miles southwest of production in the Elk Run Pool. Total depth is 7165 feet. The Oriskany Sandstone is shown in the log at 7120 to 7140 feet.
- SOM-34 Peoples Natural Gas Company brought in their A. A. Dupree Estate Well No. 1, August 3, 1966, for an initial daily open flow of 1,212 MCF per day, natural, increasing to 5,000 MCF, after fracture. Rock pressure was reported as 3320 psig in 144 hours. The well is in Middle Creek Township, Somerset County, about three miles southwest of nearest production in the Koozer Pool. Production is reported to be from both the Chert and Oriskany, total depth being 8205 feet.
- WES-473 On November 11, 1966, Fox, Coen and Sloan completed the F. M. Sloan No. 1 Well, on the Scaif Unit, in the area controlled by Spacing Order No. 5, for the Murrys-ville Pool. Located in Franklin Township, Westmoreland County, the well showed no production until the well was fractured, when 300,000 cubic feet was reported as initial open flow. Rock pressure was reported as 3100 psig, after seven days. The well is located about 1.4 mile southwest of the discovery well in the Murrys-ville Pool, which is also a small producer.

# DIRECTORY

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

			<u>Zip Code</u>	<u>Area Code</u>	<u>Phone No.</u>
<u>EXECUTIVE OFFICE</u>					
Dr. H. Beecher Charnbury Secretary	Towne House Apt. 660 Boas Street	Harrisburg	17102	717	787-4686 787-4687 787-4688
Home:	222 E. Irvin Ave.	State College	16801	814	237-4726
Mrs. M. B. Gutshall Ex. Deputy Secretary	Towne House Apt. 660 Boas Street	Harrisburg	17102	717	787-4686 787-4687 787-4688
Home:	2958 Lincoln Street	Camp Hill	17011	717	737-9895
Ralph Lambert Chief Mng. Engineer	Towne House Apt. 3330 Highland Street	Harrisburg Allentown	17102 18104	717 215	787-4805 395-4585
Leon Ehrlich Deputy Atty. Gen.	Office: Towne House Apt. 146 No. Sixth Street Home: 1114 Reading Blvd.	Harrisburg Reading Wyomissing	17102 19601 19610	717 215 215	787-5054 376-1525 376-5829
John W. Blakely Infor. Specialist	Home: Towne House Apt. 580 Rupley Road	Harrisburg Camp Hill	17102 17011	717 717	787-4617 232-0330
C. J. Goetz Personnel Supervisor	Towne House Apt.	Harrisburg	17102	717	787-5415
Joseph Unitis Budget Analyst	Towne House Apt.	Harrisburg	17102	717	787-5485
Nick Laukaitis Procurement Officer	Towne House Apt.	Harrisburg	17102	717	787-3197
Catherine Miles Statistical Supervisor	Towne House Apt.	Harrisburg	17102	717	787-4876
<u>BUREAU OF RESEARCH AND DEVELOPMENT</u>					
Dr. David R. Maneval Director	Home: Towne House Apt. 1867 North Oak Lane	Harrisburg State College	17102 16801	717 814	787-5104 238-0977
<u>APPALACHIA PROGRAM</u>					
Carl Peterson Director	Home: Towne House Apt. 153 Maple Avenue	Harrisburg Hershey	17102 17033	717 717	787-4345 533-9037
<u>COAL MINE SUBSIDENCE INSURANCE FUND</u>					
Chester Gormley Director	Home: Towne House Apt. 3641 Brisban Street	Harrisburg Harrisburg	17102 17111	717 717	787-5565 564-2777
<u>OIL AND GAS CONSERVATION COMMISSION</u>					
Robert J. Hartman Secretary	Rm. 506, Benedum Trees Bldg. 223 Fourth Avenue	Pittsburgh	15215	412	565-5392
<u>OIL AND GAS DIVISION</u>					
W. Roy Cunningham Deputy Secretary	Home: 1205 State Office Building 300 Liberty Avenue 919 Harlan Avenue	Pittsburgh Johnstown	15222 15905	412 814	565-5075 565-5076 299-2812
<u>Oil and Gas Inspectors</u>					
Dis- trict					
1	Chas. C. Songer	P. O. Box 277	Pittsfield	16340	814 563-7853
2	Howard W. Martin	321 No. Eighth Street	Indiana	15701	412 463-0590
3	Chas. E. Baldwin	P. O. Box 26	Washington	15301	412 222-3295
4	Wm. J. Burns, Jr.	335 No. Barnett Street	Brookville	15825	814 849-2445
5	Chas. F. Straub	408 N. Main St., Box 141	Coudersport	16915	814 274-8840
6	Richard F. Walther	630 Southview Drive	Pittsburgh	15226	412 563-3656
7	Wm. E. Sleeman	R. D. 5	Eutler	16001	412 287-1210

ANTHRACITE DIVISION

Gordon E. Smith	Motor Contracts Corp.Bldg.	Pottsville	17901	717	622-1110
Deputy Secretary	Rm. 2A - 108 S. Claude A.	Elysburg			
	Lord Boulevard				
	Home: 161 Avenue "C"	Schuylkill Haven	17972	717	385-0023
H. R. Reese, Director	Motor Contracts Corp.Bldg.	Pottsville	17901	717	622-1110
Deep Mine Safety	R. D. 1, Box 146	Elysburg	17824	717	672-2853
Rodger J. Howell, Director	90 East Union Street	Wilkes-Barre	18701	717	822-9150
Bureau of Engineering	Home: 417 W. Atherton Avenue	Taylor	18517	717	562-1660

Anthracite Conservation and Reclamation

Wesley I. Stonebraker	Motor Contracts Corp.Bldg.	Pottsville	17901	717	622-1110
Director	Hbg. Office: Towne House Apts.	Harrisburg	17102	717	787-5548
	Home: 3117 Yale Avenue	Camp Hill	17011	717	761-1751

Coal Mine Subsidence Insurance Fund

Harold Alleman					
Manager	90 East Union Street	Wilkes-Barre	18701	717	824-9871

Anthracite Mine Inspectors\*

Dis-					
trict					
1	T. M. Beaney **	366 Monument Avenue	Wyoming	18644	717 693-0222
2	R. O. Schneider **	216 N. Ninth Street	Ashland	17921	717 875-1861
3	J. R. Ruane **	928 N. Washington Street	Shamokin	17872	717 648-0262
4	Walter Davis **	1900 West End Avenue	Pottsville	17901	717 622-1107
10	W. A. Sanders	R. D. 2	Dalton	18414	717 563-1945
11	G. F. Kettle	1318 Wyoming Avenue	Forty Fort	18704	717 288-6351
12	G. R. Sterling	Community Square	Buck Run	17926	717 544-5262
13	W. R. Devens	38 Butler Street	Forty Fort	18704	717 287-4576
15	A. A. Joyce	317 S. Maple Street	Mt. Carmel	17851	717 339-0514
16	F. C. O'Connor	R. D. 2, Box 370	Pottsville	17901	717 544-2573
17	C. E. Kashner	904 W. Spruce Street	Shamokin	17872	717 648-3792
18	J. J. Shober, Jr.	64 E. Railroad Street	Nesquehoning	18240	717 669-6048
19	A. J. Latz	9 W. Phillips Street	Coaldale	18218	717 645-5727
20	J. A. Bugel	336 Columbia Avenue	Atlas	17811	717 339-1103
21	C. E. Miller		Muir	17957	717 647-9239
23	G. P. Gallagher	103 E. Arch Street	Shamokin	17872	717 648-3887
24	A. E. Hand		Hegins	17938	717 682-3284
26	P. P. Hino	108 E. Mahanoy Street	Mahanoy City	17948	717 773-3694
28	Leon Brass	107 S. Walnut Street	Mt. Carmel	17851	717 339-4152
29	H. R. Reese	R. D. 1, Box 146	Elysburg	17824	717 672-2853
30	W. D. Maurer	25 Vaux Avenue	Tremont	17981	717 695-3672

Electrical Inspector

Michael Polinko	1211 Chestnut Street	Kulpmont	17834	717	373-9449
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\* Revised as of April 15, 1967.

\*\* Anthracite Strip Mine Inspectors.

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES  
ANTHRACITE DIVISION  
Breakers, Washeries and Preparation Plants

1966				
Dis- trict	Preparation Plant	Company	Location	Zip Code
10	Ace Breaker	Ace Coal Co.	Blakley	18512
10	Ace Cleaning Plant	Ace Anthracite, Inc.	Blakley	18512
24	Ace Coal Sales	Ace Coal Sales	Weigh Scale	18772
20	Atlas Washery	Bridy, Incorporated	Atlas	17811
18	B. & N. Breaker	B. & N. Coal Co.	Schuylkill Haven	17972
24	Bar Mac Breaker	Bar Mac Coal Co., Inc.	Weigh Scale	18772
15	Beaver Brook Breaker	Beaver Brook Coal Co., Inc.	Hazle Township	18704
15	Beaver Brook Fine Coal Plant	Huss, George	Hazle Township	18704
19	Beechwood Cleaner Plant	Reading Anthracite Co.	Duncott	17901
13	Bel Air Breaker	Bel Air Coal Co.	Duryea	18642
15	Big Buck Breaker	Big Buck Coal Co.	Freeland	18224
19	Black Heath Breaker	Phoenix Contracting Co.	Cressona	17929
26	Blaschak Breaker	Blaschak Coal Co.	Saint Nicholas	17948
1	Bliss Crushing Plant	Bliss Coal Co.	Mildred	18632
18	Bliss Washery	Bliss & Son, Inc., R. T.	Nesquehoning R.D. 1	18240
10	Bolands Breaker	DeAngelis, Inc.	Carbondale	18407
1	Booth Cleaning Plant	E. & B. Coal Sales	Mildred	18632
18	Brockton Breaker	R. & R. Coal Co.	Brockton	17925
20	C. & J. Breaker	C. & J. Coal Co.	Atlas	17811
29	Cains Breaker	Cains Coal Co.	Shamokin	17872
15	Candleton Washery	Coleby Coal Co., Inc.	Gilberton	17934
24	Carbon Run Breaker	Rosini Coal Co.	South Shamokin	17872
24	D. & Z. Breaker	D. & Z. Coal Co.	Weigh Scale	18772
24	Diminick Breaker	Diminick Coal Sales	Paxinos	17860
19	DiRenzo Breaker	DiRenzo Coal Co.	Minersville	17954
30	Donaldson Breaker	Anthracite Fine Coals, Inc.	Donaldson	17981
13	Dorrance Breaker	Lehigh Valley Anthracite, Inc.	Wilkes-Barre	18704
18	East Penn Breaker	East Penn Fine Coal, Inc.	Brockton	17925
15	Eckley Breaker	Buckley Coal Corp.	Ringtown	17967
30	Emerich Washery	Emerich, William G.	Ono	17077
26	Englewood Breaker	Englewood Coal Co.	Frackville	17931
19	Forestville Washery	Manbeck Dredging Co., Inc.	Forestville	16035
13	Franklin Cleaning Plant	Lehigh Valley Anthracite, Inc.	Wilkes-Barre	18701
12	Frunk Coal Sales Ramp	Frunk, George	Lykens	17048
13	Harry E. Breaker	Lehigh Valley Anthracite, Inc.	Swoyersville	18701
15	Fine Coal Washery	Ginther Coal Co.	Hazleton	18201
30	Franklin Hydrotated Breaker	Franklin Coal Co.	Ravine	17966
26	Gilberton Breaker	Gilberton Coal Co.	Gilberton	17934
26	Gilberton Fine Coal Plant	Gilberton Coal Co.	Mahanoy Township	17948
24	Glen Burn Breaker	Glen Burn Colliery, Inc.	Shamokin	17872
11	Glen Lyon Breaker	Susquehanna Coal Co.	Glen Lyon	18617
19	Glenn Worth Breaker	Glenn Worth Coal Co.	Cressona	17929
24	Glosek Breaker	Glosek Bros. Coal Sales	Weigh Scale	17872
15	Gowen Breaker	Gowen Coal Co.	Fern Glen	18241
18	Greenwood Breaker	Greenwood Mining Co.	Rahns Township	19426
15	Greybosh Breaker	Greybosh Coal Co.	Hazleton	18201
17	H. J. & H. Breaker	H. J. & H. Coal Co.	Trevorton	17881
15	Hazleton Shaft Breaker	Lehigh Valley Anthracite, Inc.	Hazleton	18201
15	Hazleton Shaft Cleaning Plant	Lehigh Valley Anthracite, Inc.	Hazleton	18201
15	Highland No. 5 Breaker	Jeddo-Highland Coal Co.	Foster Township	18642
21	Hillside Breaker	Hegins Mining Co.	Zerbe	17984
15	Honeybrook Breaker	Honeybrook Mines, Inc.	Audenried	18213
15	Honeybrook Breaker	Archer Coal Co. *	Audenried	18213
24	Hoover Breaker	Hoover Mining Co.	Paxinos	17860
13	Huber Breaker	Blue Coal Corporation	Ashley	18706
16	J. & C. Coal Sales	J. & C. Coal Co.	Valley View	17983
18	J. & E. Breaker	J. & E. Coal Co.	South Yamaqua	18252
15	Jeddo No. 7 Breaker	Jeddo-Highland Coal Co.	Hazle Township	18704
24	K. & D. Breaker	K. & D. Coal Co.	Weigh Scale	17872
18	K. M. & F. Breaker	K. M. & F. Coal Service	Middleport	17953
19	K. & P. Breaker	K. & P. Coal Co.	Minersville	17954
18	Kaska Breaker	Film Coal Co., Inc.	Middleport	17953
13	Kassa Breaker	Silverbrook Anthracite, Inc.	Lafin	18640

Dis- trict	Preparation Plant	Company	Location	Zip Code
16	Keffers Breaker	Keffers Coal Co.	Valley View	17983
12	Kerrigan Breaker	Kerrigan Coal Co.	Williamstown	17098
30	Koch's Breaker	Koch's Coal Co.	Ravine, Box 3	17966
16	Kocher Breaker	Kocher Coal Co., Leon E.	Valley View	17983
15	Lion Breaker	Lehigh Valley Anthracite, Inc.	Hazleton	18201
19	Live Oak Breaker	Live Oak Coal Co.	Primrose	17954
16	Legal Breaker	Legal Coal Co.	Valley View	17983
23	Locust Summit Breaker	Reading Anthracite Co.	Locust Gap	17840
11	Loomis Breaker	Lehigh Valley Anthracite, Inc.	Hanover Township	18702
13	Loree Breaker	Blue Coal Corporation	Larksville	18706
24	Lower Region Washery	Lower Region Colliery	Trevorton	17881
19	Lowland Washery	Manbeck Dredging Co., Inc.	Landingville	17942
26	Malho Breaker	Malho Coal Co.	Lavelle	17943
26	Mammoth Breaker	Lehigh Valley Anthracite, Inc.	Raven Run	17946
26	Maple Hill Cleaner Plant	Reading Anthracite Co.	Maple Hill	17976
19	Maple Spring Breaker	C.L.S. Coal Co.	Branch Dale	17923
19	Marlin Breaker	Cass Contracting Co.	Marlin	17951
10	Matisko Cleaning Plant	Matisko Coal Co.	Forest City	18421
15	Mazaika Breaker	Mazaika Coal Co.	Tamaqua R.D. 2	18252
12	Meadowbrook Washery	Meadowbrook Coal Co.	Lykens	17048
26	Midvalley Fine Coal Plant	Jeddo-Highland Coal Co.	Wilburton	17888
19	Minersville Breaker	Minersville Coal Co.	Minersville	17954
26	Morea Breaker	Lehigh Valley Anthracite, Inc.	Morea	17955
26	Mount Hazle Breaker	Locust Valley Coal Co.	Mahanoy Township	17958
18	Mountain Side Breaker	Mountain Side Coal Co.	South Tamaqua	18252
18	Nesquehoning Cleaning Plant	Correale Construction Co.	Nesquehoning	18240
18	New Philadelphia Washery	Sunbury Co., Inc., The	New Philadelphia	17959
19	New St. Nicholas Breaker	Reading Anthracite Co.	Duncott	17901
19	New St. Nicholas Fine Coal Plant	Reading Anthracite Co.	Duncott	17901
18	No. 6 Washery	Manbeck Dredging Co., Inc.	Lansford	18232
24	North Line Breaker	Steam Coals, Inc.	South Shamokin	17872
30	Oakwood Breaker	Oakwood Coal Co.	Ravine	17966
19	Old Mill Breaker	Old Mill Coal Yard	Llewellyn	17944
19	Olenick Breaker	Olenick Brothers Coal Co.	Forestville	16035
10	Olyphant Cleaning Plant	Olyphant Fuel Co., Inc.	Dickson City	18519
13	O'Toole Cleaning Plant	O'Toole, John F.	Moosic	18505
30	Penag Breaker	Penag Coal Co.	Good Spring	17981
10	Penbrook Breaker	Penbrook Coal Co.	Archbald	18403
12	Pine Creek Breaker	Pine Creek Coal Co.	Spring Glen	17978
18	Pine Forest Cleaner Plant	Reading Anthracite Co.	St. Clair	17970
10	Pompey Breaker	Pompey Coal Co.	Jessup	18434
30	Potts Breaker	Potts Contracting Co.	Pine Grove R.D. 3	17963
13	Prospect Cleaning Plant	Lehigh Valley Anthracite, Inc.	Plains Township	18705
18	R. & R. Washery	R. & R. Coal Co.	Leighton R.D. 2	18235
18	Randolph Washery	Randolph Coal Co.	Port Carbon	17965
24	Ranshaw Washery	Ranshaw Transportation & Auto Wreckers Co.	Ranshaw, Box 5	17866
10	Raymond Breaker	Northwest Mining Co., Inc.	Eynon	18418
26	Reichwein & Beury Breaker	Reichwein & Beury Coal Co.	Ashland	17921
24	Reidinger Breaker	Reidinger Coal Service, Inc.	Paxinos	17860
26	Rosa Breaker	Capparell Coal Co.	Shenandoah	17976
26	St. Nicholas Fine Coal Plant	Reading Anthracite Co.	Saint Nicholas	17948
18	Salem Creek Breaker	Lehigh Valley Anthracite, Inc.	Pottsville	17901
20	Savitski Breaker	Savitski Brothers Coal Sales	Atlas	17811
30	Schneck Breaker	Schneck Coal Co., Thomas W.	Pine Grove R.D. 1	17963
12	Shomper Breaker	Shomper Coal Co.	Tower City	17980
18	Silver Creek Breaker	Silver Creek Coal Co., Inc.	New Philadelphia	17959
26	Skytop Breaker	Skytop Coal Co.	Mahanoy Township	17908
18	South Tamaqua Breaker	South Tamaqua Coal Pockets	South Tamaqua	18252
24	Split Vein Breaker	Split Vein Coal Co.	Weigh Scale	17872
18	Spring Creek Breaker	Spring Creek Coal Co.	South Tamaqua	18252
26	Starwood Breaker	Starwood Coal Corporation	New Boston	17958
20	State Washery	State Coal Co., Inc.	Strong	17879
12	Stonehill Breaker	Stonehill Coal Co.	Loyalton	17046
12	Strohecker Breaker	Strohecker Coal Co.	Elizabethville R.D.	17023
15	Superior Breaker	Superior Coal Co.	Valley View	17983
28	Sunshine Breaker	Sunshine Coal Co.	Trevorton	17881
21	Swatara Breaker	Swatara Coal Co.	Zerbe	17984
24	Swift Breaker	Swift Coal Sales	Paxinos	17860
13	Taylor Breaker	Moffat Premium Anthracite, Inc.	Taylor	18517
15	Tedesco Breaker	Tedesco Coal Co., Inc.	Pardeesville	18243
21	Tremont Breaker	Tremont Anthracite Co.	Tremont	17981

Dis- trict	Preparation Plant	Company	Location	Zip Code
17	Trevorton Breaker	Trevorton Anthracite Co.	Trevorton	17881
12	Underkoffler Breaker	Underkoffler Coal Service	Lykens	17048
15	Valley Breaker	Valley Coal Co.	Tamaqua R.D. 2	18252
10	Waddell Breaker	Waddell Coal Mining Co., Inc.	Winton (Jessup)	18434
18	Walton Breaker	Walton, John	Schuylkill Haven	17972
15	Wesner Breaker	Wesner Coal Co.	Tamaqua R.D. 2	18252

NOTE: \* Honeybrook Breaker is operating on a second shift by Archer Coal Co. and on the first shift by Honeybrook Mines, Inc.

@ Keffers Breaker was destroyed by fire March 20, 1966.



## COMMONWEALTH OF PENNSYLVANIA

## DEPARTMENT OF MINES AND MINERAL INDUSTRIES

## ANTHRACITE OPERATORS - YEAR 1966

Dis- trict	Operator	General Manager	Address	Zip Code
20	A-B Coal Co. DM	A. Boscolovich	209 S. Diamond St.	Shamokin 17872
18	A. & D. Coal Co. DM	A. Androkittis	310 Elizabeth St.	Tamaqua 18252
26	A.D. & G. Coal Co. DM	J. Alemeda	P.O. Box 293	Mt. Carmel 17851
12	A. & P. Coal Co. DM	Joseph Reho	130 W. Broad St.	Williamstown 17098
12	A. & J. Coal Co. DM	A. Drebitko	West West Terrace	Pottsville 17901
20	A. T. & D. Coal Co. DM	Cyril Doyle	405 N. Market St.	Mt. Carmel 17851
10	Ace Anthracite, Inc. B bk	J. Pasternak	733 S. Main St.	Taylor 18517
10	Ace Coal Co. B	L. Simoncelli	300 Main St.	Blakely 18512
24	Ace Coal Sales BP	Walter Mudry	1349 Chestnut St.	Kulpmont 17851
12	Acme Coal Co. DM	Joseph Reho	130 W. Broad St.	Williamstown 17098
15	Ajax Coal Co. DM	John Riley	Box 342	Mahanoy City 17948
28	Alarcon Coal Co. DM	Frank Alarcon	403 Melrose St.	Keiser 17832
26	Alessi Coal Co. DM	Natale Alessi	722 E. Railroad St.	Mahanoy City 17948
26	Aljac Coal Co., Inc. DM	Walter Sherkness	14 S. Main St.	Mahanoy City 17948
19	Allen Mining Co. DM	John Stranko	19 S. 21st St.	Pottsville 17901
23	Al Mar Coal Co. DM	Albert Dietz	436 W. Third St.	Mt. Carmel 17851
1	Altieri & Benzeleski S	John Vitali	434 Phelps St.	Scranton 18509
20	Amarose Brothers Coal Co. DM	Louis Amarose	335 E. Saylor St.	Atlas 17811
16	Anspach & Umbenhauer Co. Inc.	Fred Anspach	R. D. 2	Pine Grove 17963
4-21-30	Anthracite Fine Coals, Inc. S DM BP	Robert E. Doebler		Tremont 17981
15	Archer Coal Co. BP bk	G. M. Seiler	109 E. First St.	Hazleton 18201
26	Ashland Community Enterprises DM	E. R. Ermer	702 Center St.	Ashland 17921
15	Audenried Mines, Inc. DM	Andrew Brazzo	New Coxeville Rd.	Beaver Meadows 18216
23	B. & B. Coal Co. DM	N. Anascavage	934 Tharp St.	Shamokin 17872
20	B. & B. Coal Co. DM	A. Bielarski	37 Big Mine Run	Ashland 17921
28	B. & B. Coal Co. DM	Frank Barella	540 W. Third St.	Mt. Carmel 17851
16	B. B. & F. Coal Co. DM	Claude Breidigan	R. D. 2	Pine Grove 17963
16	B. & C. Coal Co. DM	Willard Clark		Valley View 17983
17	B. & E. Coal Co. DM	David Ernest	643 Center St.	Shamokin 17872
21	B. & H. Coal Co. DM	James Bender	R. D. 3	Pine Grove 17963
19	B. H. & L. Partnership DM	George Honyara	P. O. Box 264	Minersville 17954
28	B. K. & P. Coal Co. DM	John Patrilak	324 Melrose St.	Keiser 17832
19	B. & M. Coal Co. DM	John Bombar	127 S. Street	Minersville 17954
16	B. & M. Coal Co. DM	Wayne Moyer		Valley View 17983
18	B. & N. Coal Co. BP	Daniel Koury	1038 Laurel St.	Pottsville 18452
26	B. & N. Coal Co. DM	Chester Nork		Shaft 17975
30	B. & O. Coal Co. DM	Charles Ressler	R. D. 2	Hegins 17938
12	B. & P. Coal Co. DM	W. D. Showers	W. Market Street	Williamstown 17098
23	B. & S. Coal Co. DM	Leo Blascovich	1124 W. Montgomery	Shamokin 17872
17	Bank Coal Co. DM	Harold Welkel	24 S. Sixth Street	Shamokin 17872
24	Bar-Mac Coal Co., Inc. BP	Charles Greco	P. O. Box 412	Mt. Carmel 17851
11-13	Bartoli Construction Co., Gene bk	Eugene Bartoli	559 E. Northampton	Wilkes-Barre 18702
4	Bear Gap Stripping Co., Inc. S	G. W. Tallman	P. O. Box 86	Lykens 17048
18	Bear Ridge Coal Co. DM	Peter Smertsy	125 N. 4th Street	Frackville 17931
15	Beaverbrook Coal Co., Inc. BP	George Huss	W. Main Street	Ringtown 17967
13	Bel Air Coal Co. B	Bert Andrews	P. O. Box 36	Duryea 18642
4	Bell Coal Co. S	A. Kovalchick	P. O. Box 251	Brookton 17925
28	Bell Coal Co. DM	Michael Stasick	551 Market Street	Trevorton 17881
4-18	Bernitsky Brothers Coal Co. S	J. J. Bernitsky	17 Water Street	New Phila. 17959
18	Bernitsky & Stenulis Part. DM	George Stenulis	17 Water Street	New Phila. 17959
15	Big Buck Coal Co. BP	Edward Kalinovich	37 Main Street	Freeland 18224
19	Big Hill Coal Co. DM	Joseph Zukowski		Minersville 17954
16	Bixler Coal Co. DM	Herman Bixler		Valley View 17983
3-26	Blaschak Brothers Coal Co. B S DM	Walter Blaschak	St. Nicholas	Mahanoy City 17948
1	Bliss Coal Co. S	Carl Bliss	P. O. Box 345	Mildred 18632
18	Bliss & Son, Inc., R.T. bk	R. T. Bliss, Jr.	35 E. Center St.	Nesquehoning 18240
30	Bloch Brothers Coal Co. DM	Harold Bloch	R. D. 2	Hegins 17938
4	Blue Bell Enterprises, Inc. S	J. W. Butcavage	720 Lytle Street	Minersville 17954
1-10-11-				
13-15	Blue Coal Corporation S B DM bk	H. W. Traher	101 S. Main Street	Ashley 18706
12	Blyler Coal Co., Glen DM	Glen Blyler		Williamstown 17098

Dis- trict	Operator	General Manager	Address	Zip Code
19	Bosack Coal Co. DM	Frank Bosack, Jr.	R. D. 2, Box 788	Pottsville 17901
26	Botella Coal Co. bk	J. J. Botello	117 William Street	Girardville 17935
18	Bottom Split Coal Co. DM	Ray Swilp	R. D. 2	Tamaqua 18252
30	Bowman & Coleman Coal Co. DM	Henry Bowman		Sacramento 17968
18	Broad Mountain Coal Co. DM	Joseph Swilp	476 W. Frack St.	Frackville 17931
20	Bridy Coal Co. DM	Gilbert Bridy	P.O. Box 195½ RD 1	Shamokin 17872
3-20	Bridy, Incorporated S W	Edward Bridy	237 W. Girard St.	Atlas 17811
23	Bridy, Victor DM	Victor Bridy	1475 Poplar Street	Kulpmont 17834
26	Brokenshire & Co. DM	G. Brokenshire	R. D.	Mahanoy City 17948
2	Brooks Contracting Corp. S	George Racho	127 W. Noble Street	Hazleton 18201
17	Bruno & Peifer Coal Co. DM	John Bruno	811 Market Street	Trevorton 17881
18	Bubel Coal Co. DM	Michael Bubel	P. O. Box 129	Brockton 17925
23	Buck Coal Co. S	John E. Miller	427 West Avenue	Mt. Carmel 17851
21	Buck Coal Co. DM	John Gurski	P. O. Box 153-A	Pottsville 17901
15	Buckley Coal Corp. BP	Charles Raabe	R. D. 2	Ringtown 17967
20	Burnrite Coal Co. DM	Joseph Zukus	557 W. Girard St.	Atlas 17811
16	Bush Coal Co. DM	Earl Bush	R. D. 1	Tower City 17980
1-13	C.B.M. Coal Co. S bk	Eugene Bartoli	559 E. Northampton	Wilkes-Barre 18702
20	C. & J. Coal Co. B	Joseph F. Greco	P. O. Box 412	Mt. Carmel 17851
4-19	C.L.S. Coal Co. S BP	D. J. Roderick	172 S. Wyoming St.	Hazleton 18201
19	C. & P. Coal Co. DM	A. Chukusky	233 N. Broad Mt.Ave.	Frackville 17931
1-13	C. & S. Excavating Co. S bk	Peter Corrozzi	101 E. Drinker St.	Dunmore 18512
20	Cains Coal Co. B	E. J. Cain	1412 W. Lynn Street	Shamokin 17872
26	Capparell Coal Co., Inc. B	S. T. Capparell	136 E. Fifth St.	Hazleton 18201
3-26	Capparell Strip. & Const. Co. S bk	S. T. Capparell	136 E. Fifth St.	Hazleton 18201
1-13	Capone Coal Co. S bk	S. J. Capone	Box B North End St.	Wilkes-Barre 18705
1	Carbondale Coal Co. S	T. J. Gillen, Jr.	78 Cottage Street	Carbondale 18407
4	Cardiff Stripping Co., Inc. S	Earl Gorenty	Box 81	Middleport 17953
19	Cass Contracting Co. BP	James V. Ryan	R. D. 2, Box 360½	Pottsville 17901
23	Change Coal Co. DM	Robert Pitello	201 S. Vine Street	Mt. Carmel 17851
19	Chernosky Trucking Co. bk	Wm. Chernosky	R. D. 1, Box 174	Pottsville 17901
17	Chestnut Coal Co. DM	Steven Shingara	R. D. 3	Sunbury 17801
1	Cicio Coal Co. S	Michael Cicio	601 Poplar Street	Mayfield 18433
12	Clark Coal Co. DM	Clark Maurer, Jr.		Hegins 17938
24	Clay Coal Co. DM	Leonard Rupp	690 Bear Valley Ave.	Pitman 17964
20	Cliff Coal Co. DM	Thomas Clifford	442 Turkey Run	Shenandoah 17976
15	Coleby Coal Co., Inc. B bk	G. A. Schnee	P. O. Box 423	Gilberton 17934
30	Colket Coal Co. DM	John Messaros	School Row	Branchdale 17923
3	Conyngham Contracting Co. S	W. J. Farley	P. O. Box 173	Ashland 17921
18	Cooper & Co. DM	Adam Cooper	392 Fifth Street	Port Carbon 17965
18	Correale Construction Co. bk	G. M. Seiler	109 E. First St.	Hazleton 18201
19	Coxe Coal Co. DM	John Swinko	804 W. Market St.	Pottsville 17901
17	Cross Pitch Coal Co. DM	W. F. Lytle, Jr.	240 S. Wood Street	Shamokin 17872
24	Czech Brothers Coal Co. DM	Stanley Czech	1038 W. Fern St.	Shamokin 17872
20	D. & D. Coal Co. BP	Cyril Doyle	405 N. Market St.	Mt. Carmel 17851
29	D.D.Z. Coal Co. DM	Joseph Dombroski	1123 Chemung St.	Shamokin 17872
18	D. & H. Partnership DM	Harry David	R. D. 1	Schuylkill Ha. 17972
16-17	D. H. & W. Coal Co. DM	Kenneth Whitmer	Box 174-F, R.D. 2	Paxinos 17860
28	D. & J. Coal Co. DM	Daniel Fedako	1915 Race Street	Ashland 17921
20	D. K. & M. Coal Co. DM	Gurney Klingner	R. D. 2	Hegins 17938
17	D. & M. Coal Co. DM	John McAnneny	P. O. Box 112	Gowen City 17828
20	D.R.Z. Coal Co. DM	Ernest A. DiRenzo	330 Melrose Street	Keiser 17832
30	D.U.K. Coal Co. DM	D. W. Updegrove	225 W. Grand Ave.	Tower City 17980
18	D. Y. & N. Coal Co. DM	Adam Delinko		Seltzer 17974
29	D.V.W. Coal Co. DM	John E. Davis	309 S. Rock Street	Shamokin 17872
24	D. & Z. Coal Co. BP	Stanley Diminick	P. O. Box 351	Shamokin 17872
17	Dallabrida Coal Co. DM	Fred Dallabrida	21 East Avenue	Mt. Carmel 17851
19	Dando Coal Co., F. P. DM	P. D. Dando	P. O. Box 583	Pottsville 17901
4	Dando & Troup Coal Co. S	David J. Dando	117 S. Second St.	Minersville 17954
10	DeAngelis, Inc. B DM bk	J. C. Baumann	P. O. Box 505	Carbondale 18407
12	Deeter Coal Co. DM	Raymond Deeter	R. D. 1	Hegins 17938
21	Dembinsky Coal Co., W. DM	Wash Dembinsky	R. D. 1	Ashland 17921
16	Diamond Coal Co. DM	Junior Harner	14 N. Crescent St.	Tremont 17981
20	Diamond Coal Co., Inc. BP	Saverio Greco	P. O. Box 25	Mt. Carmel 17851
26	DiCassimirro Contracting Co. bk	Felix DiCassimirro		Morea Colliery 17955
24	Diminick Coal Sales BP	V. Scicchitano	P. O. Box 132	Paxinos 17860
19	DiRenzo Coal Co. BP	Dominick DiRenzo	R.D. 2, Box 752	Pottsville 17901
24	Dugan Coal Co. DM	J. Leschinski	456 S. Pearl St.	Shamokin 17872

Dis- trict	Operator		General Manager	Address	Zip Code
24	Duke Associates	DM	Joseph Duke	1023 W. Willow St.	Shamokin 17872
26	Dyszel Coal Co.	DM	Michael Dyszel	229 N. Second St.	Girardville 17935
1	E. & B. Coal Sales	S	Edwin Booth	P. O. Box 206	Mildred 18632
28	E. & T. Coal Co.	DM	Pedro Ibanez	144 W. Third St.	Mt. Carmel 17851
18	East Penn Fine Coal, Inc.	DM	John Fiderak	202 Hunter St.	Tamaqua 18252
24	Eldy Coal Co.	DM	William Lytle	R. D. 2	Shamokin 17872
12	Elizabethville Coal Co., Inc.	bk	Ronald Klingner	P. O. Box 117	Elizabethville 17023
23	Else & Son, Charles	DM	Charles Else, Sr.	1321 Chestnut St.	Kulpmont 17834
30	Emerich, Wm. G.	W bk	Wm. G. Emerich		Ono 17077
26	Englewood Coal Co.	BP	Michael Sluck	P. O. Box 395	Gilberton 17934
20	Ennis Coal Co.	DM	William Ennis	7 W. Center St.	Ashland 17921
16	Erdman Coal Co.	DM	Jay Erdman		Valley View 17983
19	Etzweiler Coal Co., Norman	DM	N. Etzweiler	1022 Maple St.	Valley View 17983
28	F. & M. Coal Co.	DM	Dominic Fabrizio	1153 W. Spruce St.	Shamokin 17872
17	Fairdeal Coal Co.	DM	Leon Shingara	527 Bear Valley Ave.	Shamokin 17872
21	Falls Coal Co.	DM	Herman Stine		Zerbe 17984
18	Farley Coal Co.	DM	J. N. Farley	P. O. Box 78	Pottsville 17901
30	Faust Coal Co., Charles	DM	Charles Faust		Muir 17957
18	Fauzio Coal Co.	bk	Joseph Fauzio		Nesquehoning 18240
21	Fay-Mar Coal Co.	DM	C. E. Leininger	24 N. Pine Street	Tremont 17981
18	Fegley Brothers Coal Co.	DM	Leonard Fegley	P. O. Box 95	Quakake 18245
15	Fern Glen Mining Co.	DM	Paul Davis	P. O. Box 43	Rock Glen 18246
10	Fern Hill Coal Co.	DM	Sam Sallo	540 Charles St.	Throop 18508
17	Fetterolf Coal Co.	DM	Harvey Fetterolf	P. O. Box 40	Shamokin 17872
18	Film Coal Co., Inc.	bk	A. F. Beacher	109 E. First St.	Hazleton 18201
16	Fireside Mining, Inc.	DM	Marvin Kimmel	281 S. Main St.	Pine Grove 17938
10	Flo Coal Co.	DM	J. Coccodrelli	143 Buttonwood St.	Jessup 18434
3	Folger & Chapleski	S	L. Chapleski	P. O. Box 5	Ranshaw 17866
26	Forgotsch Brothers Coal Co.	DM	Vincent Forgotsch	522 W. Mahanoy St.	Mahanoy City 17948
26	Forsum Coal Co., Inc.	DM	Joseph Sluck	P. O. Box 395	Gilberton 17934
30	Four Partners Coal Co.	DM	John Vrona	814 E. Sunbury St.	Shamokin 17872
24	Franklin Coal Co.	BP	Franklin Miller		Ravine 17966
12	Fronk, George	B	George Fronk		Valley View 17983
26	G. & B. Coal Co.	DM	T. E. Gaughan	58 Oakland Street	Ashland 17921
19	G. & B. Coal Co.	DM	J. Wawrzoszek	34 Westwood Street	Minersville 17954
23	G. & D. Coal Co.	DM	Anthony Gonzalo	36 Second Street	Kulpmont 17834
29	G. & M. Coal Co.	DM	Darwin Maurer	1662 W. Wood St.	Shamokin 17872
23	G.M.P. Coal Co.	DM	Albert Geslock	501 East 7th St.	Mt. Carmel 17851
21-30	G. & T. Coal Co.	DM	Malcolm Thompson	235 W. Main St.	Tremont 17984
12-20	Gangloff Bros.	bk	Gene B. Gangloff		New Ringgold 17960
28	Garber Coal Co.	DM	George Garber	East Market St.	Williamstown 17098
12	Garcia Coal Co.	DM	J. J. Garcia	1053 Spruce St.	Kulpmont 17834
17	Gem Coal Co.	DM	Clifford Artman	R.D. 1, Box 71-A	Shamokin 17872
4	Gerhart, George	S	George Gerhart	R. D. 1	Orwigsburg 17972
13	Gigliello Coal Co.	DM	John Gigliello	10 Pittston Ave.	Pittston 18640
3-26	Gilberton Coal Co.	W S B bk	G. A. Schnee	P. O. Box 423	Gilberton 17934
15	Ginther Coal Co.	W	David Bressler	P. O. Box 219	Hazleton 18201
3-24	Glenn Brass Coal Co.	S bk	Glenn Brass	129 West Avenue	Mt. Carmel 17851
24	Glen Burn Colliery, Inc.	B	J. J. Parker	P. O. Box "F"	Shamokin 17872
11	Glen-Nan Coal Co., Inc.	DM	G. H. Kienzie	St. Mary's Rd.	Wilkes-Barre 18702
3-24	Glosek Brothers Coal Sales, Inc.	S BP	Frank Glosek	1310 W. Holly St.	Shamokin 17872
19	Glenn Worth Coal Co.	BP	Carl L. Hoke	2205 W. Market St.	Pottsville 17901
11	Glyon Mining, Inc.	DM	A. Ciarofoni	232 Division St.	Wilkes-Barre 18702
16-21	Good Spring Coal Co.	DM	Frederick Lucas	309 W. Main St.	Tremont 17981
2-15	Gowen Coal Co.	S B bk	Elmer Roth		Fern Glen 18241
21	Graves Coal Co.	DM bk	John Granito	R. D. 1	Pottsville 17901
16	Green Coal Co.	DM	Roy Green	R. D. 2	Hegins 17938
18	Greenwood Mining Co.	BP	Joseph Fauzio	P. O. Box 269	Tamaqua 18252
2	Greenwood Stripping Corp.	S	Joseph Fauzio	One Venice St.	Nesquehoning 18240
18	Gregas Coal Co.	DM	Peter Gregas	83 Railroad St.	Girardville 17935
24	Grego & Deitz Coal Co.	DM	Stanley Grego	836 W. Spruce St.	Shamokin 17872
15	Greybosh Coal Co., Inc.	BP	John Greybosh	Hazleton Rd.	Hazleton 18201
17	Gudelunas Coal Co.	DM	Frank Gudelunas	27 S. Spruce St.	Mt. Carmel 17851
3	H. & B. Coal Co.	S	Henry Olaf	857 Spruce St.	Kulpmont 17834
29	H. & B. Coal Co.	DM	Parker Hughes	1401 W. Independence	Shamokin 17872
16	H. & H. Coal Co.	DM	Robert Herb		Hegins 17938
17	H. J. & H. Coal Co.	BP	H. D. Reitz, Sr.	R. D. 2	Milton 17847
29	H.K.Z.Coal Co.	DM	Theodore Horoshak	817 N. Sixth St.	Shamokin 17872

Dis- trict	Operator	General Manager	Address	Zip Code
26	H. & M. Coal Co. DM	Charles Mitchell	107 Reed Street	Girardville 17935
26	H. M. B. & P. Coal Co. DM	Charles Mitchell	107 Reed Street	Girardville 17935
19	H. & P. Coal Co. DM	John Hudock	P. O. Box 782	Pottsville 17901
30	H. & S. Coal Co. DM	Robert Maurer		Hegins 17938
24	H. & S. Coal Co. DM	Henry Heiser	146-148 East Ave.	Mt. Carmel 17851
16-28	H. & W. Coal Co. DM	Wm. Heitzman	P. O. Box 340	Shamokin 17872
21	Haas Coal Co. DM	Lester Haas		Pitman 17964
19	Halaburda Coal Co. DM	Bernard Halaburda	231 Wylan Street	Frackville 17931
30	Haldeman Coal Co. DM	Adam Haldeman, Sr.	R. D. 3	Pine Grove 17963
1	Halsey Contracting Co. S	Vincent Halsey	P. O. Box 358	Carbondale 18407
20	Hank's Coal Co. DM	H. W. Szymanski	544 W. Third St.	Mt. Carmel 17851
2	Harbon Coal & Contracting Co. S	Joseph Harlam	219 N. Laurel St.	Hazleton 18201
26	Hard Top Coal Co. DM	J. Sluck	Box 183	Lost Creek 17946
16	Harman Coal Co. DM	Clair Harman		Valley View 17983
12	Harnier Coal Co. DM	Alfred Harnier		Valley View 17983
16-21	Hatter Coal Co. DM	Ernest Hatter		Hegins 17938
19-21	Hegins Mining Co. DM	William E. Carl	521 E. Walnut St.	Hegins 17938
1	Heights Coal Co. S	Eugene Popple	P. O. Box 417	Pittston 18640
20	Hepler Coal Co. DM	Charles Hepler	1320 Scott Street	Kulpmont 17834
16-30	Herb & Reed Coal Co. DM	Harry L. Reed		Tower City 17980
12-21	Herring Brothers Coal Co. DM	Lester L. Herring	R. D. 3	Pine Grove 17963
16	Hi-Test Coal Co. DM	Kenneth Curran		Minersville 17954
16	Hoffman Coal Co. DM	Roy Hoffman		Klingers town 17938
2-15	Honeybrook Mines, Inc. S	G. M. Seiler	109 E. First St.	Hazleton 18201
24	Hoover Coal Mining Co. BP	G. W. Hoover	118 N. Sixth St.	Sunbury 17801
21	Hoover & Reed Coal Co. DM	Allen Reed		Schuylkill Ha. 17972
12	Hornberger Coal Co. DM	C. Hornberger	P. O. Box 320	Ashland 17921
19	Horvath Partnership DM	Harry David	R. D. 1	Schuylkill Ha. 17972
3	Howells, T.S. & Olaf S. Strip.Co.S	Stanley Olaf	733 Pine Street	Kulpmont 17834
2-15	Huss, George S W bk	George Huss	West Main Street	Ringtown 17967
16	J. & C. Coal Co. BP DM	J. Walacavage	P.O.Box 548, R.D.1	Pottsville 17901
26	J. & D. Coal Co. DM	Joseph Dyszel	229 N. Second St.	Girardville 17935
18	J. & E. Coal Co. BP	E. P. Patrick	R. D. 3	Tamaqua 18252
12	J. & R. Coal Co. DM	Joseph Shade	R. D. 1	Hegins 17938
24	J. & S. Coal Co. DM	George Shumock	624 State Street	Shamokin 17872
2-15-26	Jeddo-Highland Coal Co. B bk S W	Henry Ventre	800 Exeter Ave.	W. Pittston 18643
3	Jet Coal Co. S	John Menepace	P. O. Box 443	Mt. Carmel 17851
17	Jewell Coal Co. DM	Harvey Fetterolf	R.D.1, Box 40	Shamokin 17872
16	Johnson Coal Co. DM	John Johnson		Lavelle 17943
26	Jones Coal Co. DM	Manuel Simoes	P. O. Box 144	Mahanoy City 17948
24	K. & D. Coal Co. BP	A. Koppenhaver	P. O. Box 415	Shamokin 17872
12	K.D.S. Coal Co. DM	Marvin Klouser		Valley View 17983
12	K.E.W. Coal Co. DM	Kermit Klinger		Gratz 17030
29	K.H.N. Coal Co. DM	Robert Kabonick	821 W. Mulberry St.	Shamokin 17872
28	K. & K. Coal Co. DM	George Kastroba		Ranshaw 17866
19	K. & L. Coal Co. DM	Edward Lashendock	201 Warsaw Street	Keiser 17832
19	K. & M. Coal Co. DM	Con Kulpcavage	R.D.2, Box 567	Pottsville 17901
20	K. & M. Coal Co. DM	Gurney Klinger	R.D.2	Hegins 17938
18	K. & M. Coal Co. DM	Charles Metroka	R.D.2, Box 165	Pottsville 17901
18	K. M. & F. Coal Service BP	Howard Fees	Washington Street	Middleport 17953
16	K. & N. Coal Co. DM	Bruce Klouser		Valley View 17983
19	K. & P. Coal Co. BP	Charles Kiertekles	P. O. Box 296	Minersville 17954
21	K. & S. Coal Co. DM	Clair Kimmel	212 S. Second St.	Pottsville 17901
21	K. S. & F. Coal Co.DM	Melvin Kroh	R. D. 2	Hegins 17938
20	K. & Z. Coal Co. DM	Joseph Zock	1757 Tioga Street	Shamokin 17872
20	Kaleta Coal Co. DM	James Kaleta	299-A Luke Fidler	Shamokin 17872
1	Kaminski Brothers, Inc. S	Edward Kaminski	378 State Road	Avoca 18641
15	Kassa Coal Co. DM	Nicholas Kassa	322 Simpson Street	Dupont 18641
16	Keffers Coal Co. DM BP	William Morgan		Valley View 17983
4-12	Kerrigan Coal Co., Inc., Paul S BP	Paul Kerrigan	3rd & Chestnut St.	Frackville 17931
3	Kerris & Helfrick, Inc. S	Edward Helfrick	Lehigh & Poplar St.	Mt. Carmel 17851
28	Kerstetter Coal Co.DM	Robert Kerstetter	R. D. 2, Box 328	Shamokin 17872
13	Keyser Valley Enterprises, Inc. DM	Jos. Giovannini	2046 Dorothy St.	Scranton 18504
30	Kimmel Brothers Coal Co. DM	George Kimmel	Star Route	Valley View 17983
12	Kintzel Brothers Coal Co. DM	Nathan Kintzel	R. D. 2	Pine Grove 17963
18	Klimas Coal Co. DM	Albert Klimas	31 Clay Street	New Phila. 17959
21	Klinger Coal Co.,E. DM	Earl Klinger	R. D. 2	Hegins 17938
21	Klinger Coal Co.,Leroy DM	Leroy Klinger	R. D. 1	Ashland 17921



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30	Knorr Coal Co. DM	Leroy Knorr	Hegins	17938
30	Koch's Coal Co. BP	Joseph Koch	P. O. Box 3	Ravine 17966
4-16	Kocher Coal Co., Leon E. S BP	R. W. Rissinger	Valley View	17983
21	Koons Coal Co. DM	Marcus Koons	R. D. 1	Pine Grove 17963
21	Koperna Coal Co. DM	John Koperna	R. D. 2	Schuylkill Ha. 17972
12	Koppenhaver Coal Co. DM	H. Koppenhaver	203 W. Laurel St.	Tremont 17981
20	Koschoff Coal Co. DM	Charles Koschoff	R. D. 1	Catawissa 17820
19	Kost Partnership DM	Charles Kost	906 Pine Street	St. Clair 17970
19	Kowalchick, Michael BP	Michael Kowalchick	P. O. Box 273	Minersville 17954
18	Kristoff Coal Co. DM	George Kristoff		Mary-D 17952
28	Kulpmont Coal Co. DM	Michael Habowski	333 S. Market St.	Mt. Carmel 17851
12	L.3 Coal Co. DM	Franklin Lucas	R. D. 3	Pine Grove 17963
21	L.E.H. Mining Co. DM	Howard Renninger	111 High Street	Pine Grove 17963
15	L. & F. Mining Co., Inc. DM	R. E. Fellin	4 E. First Street	Hazleton 18201
11	L.J.B., Inc. bk	Arnold Biscontini	St. Mary's Road	Wilkes-Barre 18702
28	L. & L. Coal Co. DM	John Leinig	R.D.1, Box 227-B	Shamokin 17872
23	L. & L. Coal Co. DM	Edward Little	934 Chestnut St.	Kulpmont 17834
28	L. & M. Coal Co. DM	Lambert Reber	R.D.2, Box 316-A	Shamokin 17872
12	L.O.B. Coal Co. DM	Mark Osman		Valley View 17983
28	L. & S. Coal Co. DM	Salvatore Stellar	1145 W. Spruce St.	Shamokin 17872
13	Laflin Heights Coal Co. bk	Louis Falzone	540 Wyoming Ave.	Wyoming 18702
12	Lahr Coal Co. DM	Marlin Lahr		Williamstown 17098
18	Lanscoal Mining Co., Inc. DM	Stephen Karabinos	W. Ridge Street	Lansford 18232
12	Last Chance Coal Co. DM	Wilbur White	R. D.	Ashland 17921
18	Laurel Hill Coal Co. DM	A. Weisacosky	417 Carbon St.	Pottsville 17901
15	Lech Coal Co. bk	Stanley Lech		Quakake 18245
15	Lee Mining Co., J.F. DM	Joseph F. Lee	836 N. Church St.	Hazleton 18201
16	Legal Coal Co. BP	Harry Golden	R. D. 2	Pottsville 17901
1-2-3-11-	Lehigh Valley Anthracite, Inc.	James Tedesco	800 Exeter Ave.	W. Pittston 18643
13-15-18-26	S B BP bk			
12	Lehman Coal Co. DM	Mervin Lehman	R. D. 1	Pine Grove 17963
13	Lehman Coal Co. DM	Frank Lehman	1256 Reynolds Ave.	Scranton 18504
10	Lemoncelli Coal Co. DM	Peter Lemoncelli	5 Jane Street	Pekville 18452
16	Lengel Coal Co. DM	Warren Lengel	R. D. 2	Pine Grove 17963
21	Little Mine Coal DM	Forrest Otto	R. D. 2	Hegins 17938
19	Live Oak Coal Co. BP	Peter Laychock, Jr.	R.D.1, Box 84-A	Pottsville 17901
26	Locust Valley Coal Co. BP bk	H. Yudecufski	P. O. Box 179	Mahanoy City 17948
23	Lone Pine Coal Co. DM	J. J. Zupcich	825 Lott Street	Shamokin 17872
28	Lotus Coal Co. DM	Thos. Anzulovich	1135 Webster St.	Shamokin 17872
12	Lower Region Colliery W	Leonard Chapleski	P. O. Box 5	Ranshaw 17866
24	Lucas Coal Co. DM	William Lucas		Joliett 17981
12	Lytle Brothers Partnership DM	William Lytle, Jr.	634 W. Spruce St.	Shamokin 17872
12	M.A.D. Coal Co. DM	Alvin Morgan		Williamstown 17098
26	M.C. Coal Co. DM	Marie Cress	53 Main Street	Ashland 17921
17	M. & C. Coal Co. DM	Osborne Cressinger	R. D. 1	Paxinos 17860
28	M. G. & S. Coal Co. DM	Joseph Murin	301 S. Spruce St.	Mt. Carmel 17851
12	M. & L. Coal Co. DM	Roy A. Lucas	Mountainside	Williamstown 17098
19	M. & N. Coal Co. DM	Michael Olenick	224 N. 20th St.	Pottsville 17901
20	M. & P. Coal Co. bk	Frank Moncavage	1220 W. Girard St.	Atlas 17811
20	M. & S. Coal Co. DM	Allen Shoffler	337 Melrose Street	Keiser 17832
21	M. & W. Coal Co. DM	George Motter	R. D. 1	Pine Grove 17963
20	M. & W. Coal Co. DM	Joseph Walsh	503 West Avenue	Mt. Carmel 17851
21	M.W.S. Coal Co. DM	Palmer Mervine	P. O. Box 306	Ashland 17921
13	Macarelli Coal Co. DM	Mathew Macarelli	817 Scott Street	Wilkes-Barre 18705
17	Mace Coal Co. DM	Russel Mace	1520 W. Walnut St.	Shamokin 17872
16	Madenford Coal Co. DM	George Madenford	P. O. Box 171	Tremont 17981
26	Makarczyk Brothers Coal Co. DM	Joseph Makarczyk	139 Penna. Ave.	Shenandoah 17976
21-26	Malho Coal Co. DM BP	Margaret Malho		Lavelle 17943
18-19-21	Manbeck Dredging Co., Inc. bk W	Kenneth Heiser	318 E. Liberty St.	Schuylkill Ha. 17972
21	Mansion Coal Co. DM	Rennie Umbenhauer	R. D. 1	Pine Grove 17963
13	Marchesini, David bk	David Marchesini	423 Sixth Street	Wyoming 18702
12	Marchuk & Sons Coal Co. DM	Steven Marchuk	1804 E. Wiconisco	Reinerton 17980
16	Marko Coal Co. DM	John Markosky	436 W. Columbus St.	Shenandoah 17976
25	Marion Mining Co., Inc. DM	Neil DeLance	725 W. Coal Street	Shenandoah 17976
17	Mar Strip & Excavating Co. bk	Joseph Mariner	R. D. 2	Tamaqua 18252
18	Marquette Coal Co. DM	D. H. Marquette	611 W. Pine Street	Shamokin 17872
10	Matisko Coal Co. B bk	John Matisko	Mt. Cobb Rd., R.D.3	Lake Ariel 18436
28	Mattis Coal Co. DM	Frank Mattis	1552 Wabash Street	Shamokin 17872

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28	Maurer Coal Co., Paul F. DM	Paul F. Maurer	820 Lott Street	Shamokin 17872
12	Mauser Coal Co. DM	Albert Mauser	R. D.	Elizabethville 17023
28	Mayton Brothers Coal Co. DM	Joseph Mayton	R. D. 2, Box 406	Shamokin 17872
15	Mazaika Coal Co. BP	Edward Mazaika	R. D. 2	Tamaqua 18252
12	Meadowbrook Coal Co. W bk	Leslie Kimmel	Tower City	17980
2	Meadow Coal & Excavating Co., Inc. S	Andrew Brazzo	New Coxeville Rd.	Beaver Meadows 18216
1	Meg Coal Co. S	Ross Gelso	1948 Wyoming Ave.	Exeter 18643
30	Mercury Coal Co., Inc. DM	Leon F. Richter	27 Spring Street	Tremont 17981
26	Mickey Coal Co. DM	J. Mickatavage	40 Oakland Street	Ashland 17921
10	Micklick Coal Co. DM	Steven Micklick	216 Second Street	Jessup 18434
1	Mid-Valley Products Co. S	Nicholas DePietro	604 Pancoast St.	Dickson City 18519
21	Miller Coal Co. DM	Daniel Miller	Valley View	17983
19	Minersville Coal Co., Inc. BP	Leo Strenkoski	Drawer N	Minersville 17954
10	Mitchell Mining Co. DM	Joseph Mitchell	603 Main Street	Dickson City 18519
13	Moffat Premium Anthracite, Inc. BP	Mike Costanzo	78 Cottage Street	Carbondale 18407
1-13	Moffat Coal Co., Inc. DM S	E. W. Lamb	P. O. Box 486	Scranton 18703
20	Morack Coal Co. DM	John Morack	407 N. Vine Street	Mt. Carmel 17851
29	Motto Partnership DM	Frank J. Motto	P. O. Box 13	Excelsior 17625
19	Mount Laffee Coal Co. DM	William Flail	429 W. John Street	Frackville 17931
18	Mountain Side Coal Co. BP	Roy Habel	648 1/2 E. Broad St.	Tamaqua 18252
21	Mountain Top Coal Co. DM	William Vesay	415 St. Francis St.	Minersville 17954
3	Mudry Brothers Trucking Co. S	John Mudry	26 S. 14th Street	Kulpmont 17834
15	McAdoo Mining Co. DM	Gene Pinter	62 N. Tamaqua St.	McAdoo 18237
13	McKeen Fuel Corp. bk	Westly McKaig	P. O. Box 33	Plains Township 18625
17	N. & L. Coal Co. DM	A. J. Novrocki	P. O. Box 212	Paxinos 17860
13	N. & R. Coal Co. bk	Nunzy N. Savoy	25 Barber Street	Exeter 18644
21	Neumeister Coal Co., James DM	James Neumeister	R.D.1, Box 66	Ashland 17921
16	Ney & Lehman Coal Co. DM	Carl Ney	300 S. Maple St.	Mt. Carmel 17851
28	No. 1 Vein Coal Mine DM	Raymond Keefer	P.O.Box 295, R.D. 2	Shamokin 17872
12	No. 4 Coal Co. DM	Frank Lucas	Hegins	17938
28	No. 5 Vein Coal Co. DM	Vincent Varano	406 E. Pine St.	Shamokin 17872
28	Nork Coal Co. DM	N. Gawinowicz	41 Sherman Street	Shamokin 17872
3	North Line Coal Co. S	C. Wayne Troxell	P. O. Box 12	Shamokin 17872
1-10	Northwest Mining Co., Inc. S B DM	John J. Gillen	78 Cottage Street	Carbondale 18407
19	Noyalas Coal Co. DM	Edward Noyalas	219 N. Broad Mt. Ave	Frackville 17931
20	O.K. Coal Co. DM	Edward Olbrish	753 Scott Street	Kulpmont 17834
30	O. & M. Coal Co. DM	Francis McDonald	13 Railroad St.	Locust Gap 17840
19	Oakwood Coal Co., Inc. BP	David Deaven	R. D. 3	Pine Grove 17963
19	Old Mill Coal Yard BP	Raymond Stein	P. O. Box 172	Llewellyn 17944
19	Olenick Bros. Coal Co. BP	Nicholas Olenick	R.D.1, Box 117-A	Pottsville 17901
1	Oliver, James & Albert S	James Oliver	99 Pine Street	Pittston 18640
26	Olman & Co. DM	Joseph Olman	46 N. Tamaqua St.	McAdoo 18237
13	O'Toole, John F. B bk	John F. O'Toole	208 S. Hyde Park Av.	Scranton 18504
10	Olyphant Fuel Co., Inc. B bk	M. E. Yurkowski	P. O. Box 234	Olyphant 18447
18	P. & D. Coal Co. DM	Joseph Peck	Middleport	17953
18	P. & G. Coal Co. bk	Carl Pacine	434 S. Second St.	St. Clair 17970
19	P. & H. Coal Co. DM	Walter Pewor	R.D. 2, Box 550	Pottsville 17901
28	P. & R. Coal Co. DM	Joseph Rutkowski	R.D. 2, Box 471	Shamokin 17872
24	P. & S. Coal Co. DM	George Shumock	624 State Street	Shamokin 17872
18	Pacine Coal Co. DM	Michael Pacine	Cumbola	17930
10	Panzitta Construction Co. DM	Joseph Panzitta	64 Bennett Street	Wilkes-Barre 18701
1	Pasternak Brothers S	John Pasternak	419 Center Street	Taylor 18642
30	Penag Coal Co. B DM	Edward Twiggarr	Sunbury & Rock Sts.	Shamokin 17872
10	Penbrook Coal Co. B bk	Richard Fabbri	729 N. Main Street	Archbald 18403
13	Penn Can Coal Co. bk	P. J. Walsh	P. O. Box 74	Old Forge 18642
10	Pennsylvania Coal Co. M	J. A. Martin	Jefferson Avenue	Scranton 18503
13	Perry Coal Sales Co., Thomas bk	Thomas Perry	530 Green Ridge St.	Scranton 18509
10	Petam Enterprises, Inc. DM	J. Giovannini	223 Sanovia Street	Exeter 18644
17	Phillips Coal Co. DM	L. H. Phillips	R.D.1, Box 133	Shamokin 17872
12-19	Phoenix Contracting Co. BP bk	William Jones	P. O. Box 433	Pottsville 17901
10	Phientack Coal Co. DM	Henry Phientack	911 Charles St.	Archbald 18403
12	Pine Creek Coal Co. BP	Ronald Klinger	Main Street	Spring Glen 17978
29	Pine Line Coal Co. DM	Harry J. Wallick	302 S. Market St.	Shamokin 17872
17	Pine Tree Coal Co. DM	B. E. Deibler	R.D. 1, Box 143-R	Shamokin 17872
26	Pleasant Hill Coal Co. DM	Peter Sullivan	Vulcan	Barnesville 18214
10	Polcovich Coal DM	John Polcovich	103 E. Centre St.	Centrallia 17927
10	Pompey Coal Co. B	Charles Pompey	P. O. Box 91	Jessup 18434
20	Poponiak Brothers Coal Co. DM	John Poponiak	146 Warsaw Street	Keiser 17832

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13	Popple Coal Sales, Raymond	bk	Raymond Popple	300 Newrose Bldg.	Pittston 18640
30	Potts Contracting Co.	BP	Allen Potts	64 N. Tulphocken	Pine Grove 17963
28	Primrose Coal Co.	DM	Stanley Coveleski	1576 Wabash Street	Shamokin 17872
3-23	R.B.F. Coal Co.	DM S	Robert Fanella	P. O. Box 454	Mt. Carmel 17851
18	R. G. & C. Coal Co.	DM	George Rinda		New Phila. 17959
16	R. & J. Coal Co.	DM	Mark Minnich	R. D. 1	Pine Grove 17963
16	R. & K. Coal Co.	DM	George Rigdosh		Wiconisco 17907
20	R. & L. Coal Co.	DM	Francis Revenis	528 Locust Ave.	Centralia 17927
18	R. & R. Coal Co.	BP bk	Ronnie Reinisch	521 Oak Street	Jim Thorpe 18229
12	R. & S. Coal Co.	DM	Frank Sinko	1272 Chemung St.	Shamokin 17872
26	R. & W. Coal Co.	DM	William Weir	105 Hoffman St.	Ashland 17921
13-15-					
20-29	Racho, George	bk	George Racho	371 Church St.	Hazleton 18201
17	Rackzkowskie Coal Co.	DM	Albert Rackzkowskie	1237 W. Nelson St.	Shamokin 17872
24	Radziewicz Brothers Coal Co.	DM	Frank Radziewicz	1103 W. Fern St.	Shamokin 17872
23	Ramph Coal Co.	DM	Melvin Ramph	1101 Chestnut St.	Kulpmont 17834
18	Randolph Coal Co.	bk	P. J. Connors	P. O. Box 173	Pottsville 17901
24-29	Ranshaw Transportation & Auto Wreckers Co.	bk	Leonard Chapleski	P. O. Box 5	Ranshaw 17866
3	Rarick Excavating, Sterling	S	Sterling Rarick	69 W. Main Street	Ringtown 17967
3-4-18-	Reading Anthracite Co.		M. F. Farrell	200 Mahantongo St.	Pottsville 17901
19-23-26	BP B W S bk				
21	Reber & Zimmerman Coal Co.	DM	Henry D. Reber	R. D. 1	Pine Grove 17963
17	Reed Mining Co.	DM	J. M. Reed	1220 W. State St.	Shamokin 17872
26	Reichwein & Beury Coal Co.	BP	Harold Reichwein	R.D.1, Box 261	Ashland 17921
17-24	Reidinger Coal Mining Co.	DM BP	Joseph Reidinger	R. D. 1	Paxinos 17860
13	Reilly Contracting Co.	bk	T. J. Reilly	P. O. Box 219	Hazleton 18201
12	Reiner Coal Co.	DM	William Reiner		Tower City 17980
21	Rekla Coal Co., Inc.	DM	Henry J. Recla	119 E. Norweigan St.	Pottsville 17901
19	Rekla Coal Co.	DM	Guy Recla	21 Cherry Street	Port Carbon 17901
21	Rem Coal Co.	DM	Joseph Millard	413 N. Delaware Ave.	Minersville 17954
21	Renninger Coal Co., Inc.	DM	T. Renninger	37 W. Donaldson St.	Zerbe(Tremont) 17984
16	Renninger & Partners Co.	DM	T. Renninger		Zerbe 17984
19	Rickert Coal Co.	DM	Thomas Rickert, Sr.	111 South 4th St.	Tower City 17980
10	Rider Coal Co.	DM	Louis Coccodrelli	541 Main Street	Peckville 18452
1	Rock Contractor, C. A.	S	C. A. Rock	R. D. 1	Clarks Summit 18411
17	Rocky Mountain Coal Co.	DM	M. T. Kerstetter	R. D. 2	Shamokin 17872
18	Romanosky Partnership	DM	Thomas Green	76 Wiggin Street	New Phila. 17959
10	RoMike Coal Co.	DM	Michael Beggin	405 Front Street	Jessup 18434
3-24	Rosini Coal Co.	S BP	E. J. Rosini	P. O. Box 184	Shamokin 17872
3	S. & D. Coal Co.	S	S. Shalamanda	330 Melrose Street	Keiser 17832
21	S. & F. Coal Co.	DM	J. Federovich	Main Street	Seltzer City 17974
12	S. & K. Coal Co.	DM	Palmer Klingler		Valley View 17983
12	S.K.D. Coal Co.	DM	Joseph Dorazio		Pottsville 17901
21	S. & L. Coal Co.	DM	F. B. Stump	R. D. 2	Pine Grove 17963
3	S. & M. Coal Co.	DM	John Simodejka	325 Penn Street	Minersville 17954
16	S. & S. Contracting Co.	S	E. Sosnoski	219 E. Melrose St.	Keiser 17832
16	S. & S. Coal Co.	DM	Lloyd Stutzman		Valley View 17983
21	S. S. & M. Coal Co.	DM	James Schoffstall	101 W. Main Street	Tremont 17981
16	S. & W. Coal Co.	DM	C. L. Williamson		Valley View 17983
16	Salada Coal Co.	DM	George Salada		Tower City 17980
12	Salic Coal Co.	DM	Harry Salic	Ray Street	Williamstown 17098
11	San Mining Co., Inc.	DM	G. H. Kienzle	St. Mary's Road	Wilkes-Barre 18702
23	Sanders Coal Co.	DM	W. Anascavage	1015 W. Pine St.	Shamokin 17872
3-20	Savitski Bros. Coal Sales	S BP DM	E. Savitski	Forest & Mulberry	Atlas 17811
19	Scheib Coal Co.	DM	Michael Scheib	S.R.319, Box 10	Tremont 17981
16	Schell Brothers Coal Co.	DM	Steward Schell		Reinerton 17980
18	Schickram, William	bk	William Schickram	130 Clay Street	Tamaqua 18252
30	Schneck Coal Co., Thomas W.	BP	T. W. Schneck	R. D. 1	Pine Grove 17963
4	Schock, Norman C.	S	Norman C. Schock		Tuscarora 17982
4	Schuykill Contracting Co., Inc.	S	Frank J. Ryan	P.O.Box 360, R.D. 2	Pottsville 17901
21	Schwartzlander Coal Co.	DM	J. Schwartzlander	31 North Street	Tremont 17981
20	Scott Coal Co.	DM	Donald Metzinger	Cherry Street	Lavelle 17943
1-13	Scranton Excavating Co.	bk S	Rocco Domiano	3 McClure Street	Old Forge 18518
19	Seanawaitis Brothers Coal Co.	DM	A. Seanawaitis	530 Lytle Street	Minersville 17954
13	Sebastopol Coal Co.	bk	A. Giarratano	P. O. Box 72	Pittston 18640
16	Shade Coal Co.	DM	Alvin Shade		Valley View 17983
21	Sharp Mountain Coal Co.	DM	F. Zimmerman	R. D. 1	Pine Grove 17963



Dis- trict	Operator	General Manager	Address	Zip Code
26	Shen Coal Co. DM	John Abrasonis	601 Turkey Run	Shenandoah 17976
16	Sherry Coal Co., Don DM	Roy E. Harner		Spring Glen 17978
12	Shomper Coal Co. DM BP	Russel Shomper, Sr.		Williamstown 17098
16	Shuey Coal Co. DM	Leonard Harner		Sacramento 17968
20	Shuey Coal Co., Lawrence DM	Lawrence Shuey	Box 51, R. F.	Hegins 17938
13	Silverbrook Anthracite, Inc. B	Nicholas Kassa	322 Simpson St.	Dupont 18503
18	Silver Creek Coal Co., Inc. BP	Andrew Bonchack	P. O. Box 246	New Phila. 17959
19	Siminitus Coal Co. DM	Edward Siminitus	R. D. 1, Box 992	Pottsville 17901
26	Simoes & Co., Manuel DM	Manuel Simoes	208 E. Center St.	Mahanoy City 17948
26	Skidmore Coal Co. DM	W. Lippman	P. O. Box 1233	Centralia 17927
18	Skrupnek Coal Co. DM	Daniel Skripnek	222 Clay Street	Tamaqua 18252
26	Skytop Coal Co. BP DM	J. D. Perrira	P. O. Box 355	Mahanoy City 17948
1	Slenska Coal Co. S	Michael Slenska	225 Gorham Street	Mayfield 18433
28	Slo-Burn Coal Co., Inc. DM	Robert Greco	49 North Oak St.	Mt. Carmel 17851
12	Smeltz Coal Co. DM	Joseph Shade	R. D. 1	Hegins 17938
21	Smith Coal Co. DM	Louis Smith		Locust Gap 17840
18	Smith Coal Co. DM	Herbert Smith	143 Willow Street	Delano 18220
19	Snyder Coal Co., Leroy DM	Leroy Snyder	R. D. 1	Lykens 17048
19	Sorokach Coal Co. DM	Edward Sorokach	P. O. Box 14	Minersville 17954
28	South Mountain Coal Co. DM	Ira Wilkinson	458 E. Shamokin St.	Trevorton 17881
18	South Tamaqua Coal Pockets BP	Donald Warne	R. D. 3	Tamaqua 18252
21	Spancake & Herring Coal Co. DM	Milton Spancake	R. D. 2	Pine Grove 17963
17	Spindel Top Coal Co. DM	Robert Blixer	684 Bear Valley Ave.	Shamokin 17872
3-23-24-	Split Vein Coal Co.	Elwood Swank	R.D. 1, Box 396	Paxinos 17860
26-28	S bk DM BP			
18	Spring Creek Coal Co. BP	Lawrence Bechtel	R. D. 3	Tamaqua 18252
17	Springfield Coal Co. DM	S. S. Korenkiewicz	R.D. 1, Box 141-R	Shamokin 17872
16	Stahl Coal Co. DM	John Stahl		Valley View 17983
16	Stahl & Shade Coal Co. DM	John Stahl		Valley View 17983
26	Starwood Coal Corporation BP	Alfred Peca	14 S. Main Street	Mahanoy City 17948
20	State Coal Co., Inc. bk W	C. R. Williams	109 E. First St.	Hazleton 18201
24	Steam Coals, Inc. BP	C. Wayne Trozell	P. O. Box 12	Shamokin 17872
12	Stonehill Coal Co. BP	Eugene Hassinger		Loyalton 17046
12	Strohecker Coal Co. BP	Joel Strohecker	R. D. 1	Elizabethville 17023
19	Studlack Partnership DM	George Studlack	314 Newcastle St.	Minersville 17954
12	Stump Coal Co., F.B. DM	Frank Stump	R. D. 2	Pine Grove 17963
18	Sunbury Co., Inc. bk	R. E. Doeblner		Tremont 17981
28	Sunshine Coal Co. BP	Ralph Steinhart	P. O. Box 502	Trevorton 17881
16	Superior Coal Co. BP	Roy Blyler		Valley View 17983
11-23	Susquehanna Coal Co. DM BP	Lawrence G. Lebo		Glen Lyon 18617
20	Swamp Coal Co. DM	Edward Olbrish	753 Scott Street	Kulpmont 17834
4-21	Swatara Coal Co., Inc. S BP	W. P. Parker	P. O. Box G	Minersville 17954
24	Swift Coal Sales BP	Adam Swift	1100 Center St.	Shamokin 17872
17	T. & M. Coal Co. DM	Thomas Morris	905 W. Pine Street	Shamokin 17872
15	Tedesco Coal Co., Inc. bk B	F. M. Tedesco	P. O. Box 4	Pardeesville 18243
18	Three Par Coal Co. DM	Donald Ney	Main Street	Cumbola 17930
21	Tokarchek Coal Co. DM	Michael Tokarchek	214 Laurel Street	Minersville 17954
18	Tracy Coal Co. DM	Michael Dudash	R. D. 3	Pottsville 17901
21	Tremont Anthracite Co., Inc. BP	Kenneth Wolfgang	323 W. Center St.	Donaldson 17981
26	Trenton Coal Co. DM	S. Lazaravage	22 E. Spruce St.	Mahanoy City 17948
17	Trevorton Anthracite Co. B bk	M. F. Farrell		Trevorton 17881
17	Triple "S" Coal Co. DM	Albert Shinskie	500 N. First St.	Shamokin 17872
4	Tropp Stripping Co., Lawrence S	John Tropp	P. O. Box 200	Pottsville 17901
8	Twin Oaks Coal Co. DM	Albert Shepley	P. O. Box 102	Shamokin 17872
1	Turnpike Coal Co. S	John Vitoli	330 Field Street	Dunmore 18512
12	Underkoffler Coal Co. BP DM	G. Underkoffler	Elizabeth Street	Williamstown 17098
3	Unique Coal Co. S	Millard Long	933 Chestnut St.	Kulpmont 17834
13	United Gas Improvement Co., The bk	D. H. Demmy	247 Wyoming Ave.	Kingston 18704
13	V-R Coal Corporation DM	A. Biscontini	232 Division St.	Kingston 18704
15	Valley Coal Co. BP	Stanley Lech	R. D. 2	Tamaqua 18252
12	Valley Construction Co. DM	George Fronk		Valley View 17983
21	Viola Coal Co. DM	Victor Viola	Box 779, R.D. 2	Pottsville 17901
10	Virby Coal Co. DM	G. Virbitsky, Jr.	1315 Lackawanna Ave.	Mayfield 18433
29	W. & F. Coal Co. DM	W. Wasarhely	511 Webster Street	Ranshaw 17866
28	W. & S. Coal Co. DM	W. J. Stellar	1302 Scott Street	Kulpmont 17834
10	Waddell Coal Mining Co., Inc. W	Peter Brojak	P. O.	Archbald 18403
26	Wadleigh Coal Co. DM	Steve Forgotch	R. D. 2	Tamaqua 18252
21	Walaitis Coal Co. DM	John Walaitis	40 S. Wylan St.	Frackville 17931

Dis- trict	Operator	General Manager	Address	Zip Code
18	Walton, John BP	John Walton	R. D. 3	Schuylkill Hav. 17972
21	Watcher Coal Co. DM	Michael Watcher		Llewellyn 17944
28	Wehry Coal Co., Paul	Paul Wehry	1516 W. Independ.	Shamokin 17872
30	Weihrauch's, Frank DM	Frank Weihrauch	434 E. Weidman St.	Lebanon 17042
15	Wesner Coal Co. BP	W. J. Wesner	R. D. 2	Tamaqua 18252
28	West Cameron Coal Co. DM	Robert Erb	410 N. Shamokin St.	Shamokin 17872
13	Western Mining Corp. DM	Bruno Ferretti	913 Wyoming Ave.	W. Pittston 18643
29	West Point Coal Co. DM	J. Petrovich	14 W. Willow St.	Shamokin 17872
19	Westwood Coal Co. DM	Charles Martin	R.D.1, Box 89	Pottsville 17901
19	West West Coal Co., Inc. DM	Leo Strenkoskie	P. O. Drawer 1	Minersville 17954
18	Whippoorwill Coal Co. DM	Joseph Tarconish	Washington Street	Middleport 17953
26	White Birch Coal Co. DM	Neil DeLance	118 West Oak St.	Shenandoah 17976
12	White's Vein Coal Co. DM	Clayton Shade		Sacramento 17968
15	Wiconisco Washery, Inc. bk	T. J. Reilly	P. O. Box 219	Hazleton 18201
18	Williams Coal Co. DM	Evan Williams		New Phila. 17959
21	Williams Coal Co., Elmer DM	Elmer Williams	R.D. 1, Box 249-B	Ashland 17921
16	Williamson Coal Co. DM	A. R. Williamson		Valley View 17983
29	Windsor Coal Co. DM	W. Shappell	938 Center Street	Shamokin 17872
23	Witkoski Coal Co. DM	Alphonse Witkoskie	206 Third Street	Ranshaw 17866
12	Wolfe Coal Co. DM	William Wolfe	307 North Street	Williamstown 17098
19	Woodside Mining Co. DM	John Olenick	R.D. 1, Box 117-A	Pottsville 17901
21	Woratyla Coal Co. DM	Andrew Woratyla	P. O. Box 2	Llewellyn 17944
23	Yanik Coal Co. DM	Joseph P. Yanik		Excelsior 17825
18	Yob Coal Co. DM	Leo Yob	R. D. 1	Schuylkill Hav. 17972
20	Yost Coal Co. DM	Edward Yost	51 S. Pine Street	Mt. Carmel 17851
21	Z. & B. Coal Co. DM	Robert Allison	R. D. 1	Pine Grove 17963
12	Z. & R. Coal Co. DM	William Reiner		Orwin 17980
18	Zakrewsky Coal Co. DM	Peter Zakrewsky		Tamaqua 18252
3-23	Zanella Brothers S DM	John Zanella	11 Doolyville	Mt. Carmel 17851
23	Zigarski Coal Co. DM	Albert Zigarski	1433 Poplar Street	Kulpmont 17834
21	Zimmerman Coal Co., Marlin DM	Marlin Zimmerman		Ravine 17966

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NOTE: DM - Denotes Deep Mines  
 S - Denotes Strip Mine Operations  
 B - Denotes Breakers  
 BP - Denotes Breaker Preparation Only  
 M - Denotes Maintenance  
 W - Denotes Washery  
 bk - Denotes Bank Operations















